

QCWA Journal

Volume XLII, No. 1

Spring 1993

Lester Pulley, W4DH, of Palm Harbor, FL (left) receives his 80-Year Golden Certificate from QCWA Director Art Miligan, W8KW. First on the air in 1909 with a spark coil and crystal set, Lester was licensed in 1913 as "BM." W4DH is now 96 years young, and on the air every day. See page 24 for more history of this member of Gator Chapter 32.



QCWA On the Air Meetings

SSB

Every Sunday afternoon
2000Z, 14347 kHz

CW

Every Wednesday evening
8:00 P.M. Eastern, 7035 kHz
W5QU or W4DXB, NCS



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1	Cleveland Chapter	Wed	2000L	W8NZD	146.88	89	Palmetto State	Sat	0900L	W4DNR	3927
2	Chicago Area	1Th	2130L	W9MOL	147.15			Sun	1700L	N4LS	3695
4	Northwest	Sun	1630Z	W7PN	3655	90	Razorback	Sun	1300L	W5MYZ	7230
		Sun	2000Z	W7FNC	3952	91	Vic Clark	Sun	0900L	K4JAP	146.79
		Sun	2300Z	W7AZI	3952	92	Northern Lights	Sat	2000Z		29000
5	Delaware Valley	Sun	1500Z	W2HX	3917			Thu	1900AST		3890
6	Pittsburgh	Sun	1330Z	W8CSU	147.63	96	Gateway	Sat	1600Z	W2KGI	3933
7	Southern CA	Sun	0900L	W6QIL	3917	102	Dakota	Sun	1300Z	W0HOJ	3889
		Sun	1100L	K6BA	3695	104	Treasure State	Sat	0900L		3938
		Sun	1000L	W6ZRZ	146.805	106	German	Mon	1700Z	DL9AR	3663
8	Upper Midwest	Sat	0800L	W0KHG	3877			Tue	1730Z	DJ2ZB	3555
9	Southwest OH	Sun	1800Z	W8DWT	3987	107	Central Florida	Sat	0900L	W4LHP	7243
10	Michigan	Sun	1200Z	varies	3903			Wed	1230L		14245
11	Northern CA	Sun	0930L	WA6AFT	3907	108	Beaver State	Wed	0800L	KM7T	3920
		Sat	1000L	W6HHN	146.25	109	Baton Rouge	Sun	0830L	W5URR	3905
14	San Diego	Wed	0400Z	K6QM	145.52			Sun	2000L	W5URR	146.19
15	Tulsa	Sun	0645L	W5FUR	3830	110	Kansas	Sat	0730L		3920
		Sun	0930L	W5DFU	7157	112	Yankee	Sun	0830L		3902
16	Arizona	Sun	0700L	W7ER	3890±2	114	North Texas	Sat	1430Z	WB5PHM	3943
19	Missouri	Wed	1900L	N0AQH	147.15	117	Appleseed	Sun	2030L	W8JYY	147.36
20	Baltimore	Mon	2100L	W3EE	147.28	118	Coastal Carolinas	Mon	2000L	W4EHF	146.28
21	Canton, OH	Thu	1930L	K8UDO	146.79	120	QCW Women	Tue	1900Z		14295
25	Nebraska	Sat	0830L	W0EUT	3983.5	122	Lake Erie-Tri State	Sun	0930L		3915
27	Houston	Thu	2000L	W5CCD	3866.5	123	Lee de Forest	Sat	0730L	K0DBW	3885
28	Central New York	Sun	1030L	varies	3917	125	Halifax Chapter	Tue	1930L	K2HWF	147.15
31	Reading, PA	Mon	2100L	W3BN	146.91	126	Piedmont	Sun	0845L		3935
32	Gator	Sat	0900L	W4OIN	145.29	128	Pelican	Sat	1000L	K9BSL	145.29
33	Gunderson-PA-NJ	Daily	2000L	W3TI	3982	130	Inland Empire	Sat	0800L	AA6J	3862
35	Mid-Continent	Thu	2030L	W0WHK	146.37	131	Gulf Coast	Tue	0900L	WF4V	28750
36	Northwest Indiana	4Wed	1900L	W9BUN	147.495	134	Pine Tree	Sun	1930Z		3942
37	Harrisburg	Wed	2100L		145.27	135	Mid-Michigan	Tue	2000L		146.70
38	San Antonio	Sun	2030L	W5HRF	28650	138	Central New Jersey	Tue	2200L	W2DME	147.045
41	Dallas	Sun	0715L	varies	3835	140	Wyoming	Sat	1500Z	W7MZW	3923
44	Nevada	Mon	2000L	W9RU	145.39	141	High Plains	Sat	0900L		3933
45	Citrus	Tue	1930L	WB4DRF	147.225	143	North Colorado	Sun	0830L		145.115
46	Founders'	Sun	0915L	W2DP	3917	146	Twin State	Sun	0830L	WA1NBI	3897
		Thu	2030L	W2AUF	147.36	149	Nutmeg	Sun	1630Z		3923
48	Treasure Coast	Dly	1500Z		7153	150	Del-Mar-Va	Sun	0900L	W3WPY	146.82
49	Atlanta, GA	Sat	0900L	K4VN	3855	151	Wild Rose	Tue	0200Z	VE6EO	7070
		Wed	2000L	varies	145.41	152	Royal Palm	Dly	1800Z	W4LZV	3910.
52	MS Gulf Coast	Thu	2030L		147.225			T&T	1830Z	W4LZV	14180
54	Tyler Texas	Sun	0800L	W5CNO	3835	154	Leo Meyerson	Thur	1830L	K6TLA	145.480
55	Wisconsin	Sun	1430Z		3985	157	Pony Express	Sun	0830L	K0LJK	3955
58	Colorado	Sun	0930L	varies	146.67	160	Utah Chapter	Sat	1730Z	W7FVM	7272
		Sun	0900	W0WSK	3905	162	Southeast WI	Thu	0300Z		147.27
60	East Tennessee	Sun	0900L	AA4WX	7233	164	Big Bear Lake	Sun	1900L	WA6NLG	147.33
61	Detroit Metro	Sun	0800L	W8IHX	3663	165	York County	Thu	0200Z	W3AXC	146.97
62	Suwannee	Sat	0900L	W4PFJ	3940	166	Colonial	Wed	1400L		147.21
63	Central Oklahoma	Sun	1400Z	varies	3855	167	Gold Coast	Wed	1930PST	KI6YN	147.885
64	El Paso	Sat	1530Z	varies	3933	173	Golden Triangle	Tue	1930L		147.255
65	Niagara Frontier	Sun	1330L	W2SD	3900	174	Wisconsin Badger	Sun	1600L		3985
73	Southern Ontario	Sun	0900L	VE3AGS	3773	181	Hudson Valley	Sun	0815L	W2OZA	3917
		Sun	1300L	VE3MO	7088	185	High Desert	Sat	0800L		3862
75	Central CA Coast	Sat	0800L		3917			Sun	1900L		147.33
76	Blue Ridge	Sat	1300L		7180						
77	Northern NJ	Sun	1300L	W2OJW	3917						
		Thu	2000L		147.285						
79	Sunflower	Wed	2100L		146.79						
81	Long Island	Sun	1130L	varies	3917						
		Fri	2030L	K2YAW	147.33						
84	Floral	Mon	1930L	KF4BU	146.28						
85	Ark-La-Tex	Mon	0100Z	K5LFJ	146.67						
87	Evergreen	Sun	1500Z		3985						

QCWA SSB	Sun	2000Z	varies	14347
QCWA CW	Wed	2000E	W5QU or W4DXB	7035
Florida SSB	Sat	1300Z	W4NWF	3955
	Wed	1500Z	W4NWF	7274
NE Regional	Sun	0845L	W2AUF	3917

Chapter Reports

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(813) 474-4129

Pioneer Chapter 183

A charter member meeting was attended by 29 members and wives on October 17 at the Storowton Village Tavern in West Springfield, MA. They were fortunate to have two officers of QCWA present—Director Milton Chaffee, W1EFW and Treasurer Wes Randles, W4COW, who presented the Charter to President Yorke Phillips, K1BXE.

Our Chapter grew from an on-air conversation between W1EFW and Art Zavarella, W1KK. Art immediately “volunteered” W1HYO to do all the groundwork by flattering him with the old “We need a qualified, younger man” routine.

The Chapter has 26 paid-up members as of this date, and has an active recruitment program under way, and a just-started net.

Elected as officers were: President, Yorke Phillips, K1BXE; Vice President, Norman Forest, N1PF; Treasurer, George Hughes, W1ALL; Secretary, Tom Shea, W1HYO; and Directors, Charles Dunlap, K1II and Bill Werenski, W1CJL. K1II also accepted the position of Chapter Photographer and Historian.



Chapter 183 members and guests (from left) Tom Shea, W1HYO; Wes Randles, W4COW; Milton Chaffee, W1EFW; Yorke Phillips, K1BXE; Norman Forest, N1PF; and George Hughes, W1ALL. Photo by Charles Dunlap, Jr., K1II.

Thomas J. Shea, W1HYO
111 Bridle Path Rd, West Springfield MA 01089-1640

■
Mark your calendars . . . for the 1993
QCWA Convention, October 29 and 30,
St. Petersburg, Florida. See page 26 for details on
entertainment and tours . . .

Chapter Reports

Long Island Chapter 81



Newly elected Chapter 81 President Kate Saul, AE2Z (right) and Vice President Herman Milatz, W2TLC.

Sid Wolin, K2LJH

Pelican Chapter 128

The Pelican Chapter held a catered picnic at Lake Seminole Park, St. Petersburg, on November 18. There were 66 Pelicans, Gators, guests, and friends attending. Our meal was family-style fried chicken with all the trimmings, and numerous prizes and gifts were awarded.

The day after our picnic, November 19, Perry "Dutch" Romig, KI4DI, of St. Petersburg, celebrated his 88th birthday. Everyone there had a chance to congratulate Dutch and enjoy a piece of his birthday cake.



Happy 88th, Dutch Romig, KI4DI!

This is the third time the Pelicans have successfully held a picnic, and we are looking forward to doing it again next year in November, after the National Convention—which will be held in St. Petersburg in October, 1993.

*J. Frederick Strom, K9BSL
233-34th Ave N, St Petersburg FL 33704*

Tidewater Chapter 119

Here are three photos taken at the December 12, 1992 meeting of Tidewater (VA) Chapter 119.



Outgoing President Claude Feigley, W3ATQ presents the gavel to Chapter 119's new President, Jim Wise, W4PRO.



"Nap" Perry, W4DHz receives his 60-Year Golden Certificate.



"Bus" Etheridge, K4IX receives his 55-Year Golden Certificate from President Claude Feigley, W3ATQ.

*E. "Bus" Etheridge, Jr., K4IX
2525 Murray Av, Norfolk VA 23518*

Chapter Reports

Reading, PA Chapter 31

This past summer, the Chapter 31 membership was most elated to welcome to its roster QCWA Member Number 25,000—Mildred Horn, KA3YRO, who is XYL of Chapter President Rev. Walt Horn, W3OKX. Again, Welcome aboard, Millie.



Chapter 31 welcomes to our membership QCWA Member Number 25,000 . . . Mildred "Millie" Horn, KA3YRO.

Washington, DC Chapter 23

The Washington, DC Chapter 23 and Vic Clark Chapter 91 of QCWA, along with Chapter X of the SOWP, hosted an annual holiday joint luncheon which was held at the Ramada Hotel in Falls Church, VA.

This social event was conducted with a minimum of business and with emphasis on the holiday congeniality of friends with mutual interests.

We were favored at this luncheon with the presence of both Bill Cross of the FCC and John Kanode, N4MM, Director of the Roanoke Division of the ARRL.

This year I wish to emphasize the exhausting effort and time both Em Mehrling, W4NH and Jack Kelleher, W4ZC devoted to make this holiday luncheon such an enjoyable and complete success for all of us.

Our holiday get-together culminated with "Santa Claus" W4NH dispensing Christmas gifts as door prizes.

Stan Brigham, W3TFA

7211-16th Av, Takoma Park MD 20912

■ **QCWA Journal on cassette . . .**

The *QCWA Journal* is available on cassette tape for members who have trouble reading the printed edition.

Write to: Blanche Randles, W4GXZ
6002 N Fremont St
Tampa FL 33604

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Deadlines for Chapter Reports

Chapter Secretaries . . . please have your reports submitted no later than February 1 (Spring), May 1 (Summer), August 1 (Fall), and November 1 (Winter). *Although we enjoy your newsletters, we must have a separate report for QCWA Journal use. Thank you!*

Chapter Reports

North Texas Chapter 114 High Plains Chapter 141

North Texas Chapter 114, Wichita Falls, TX, and High Plains Chapter 141, Amarillo, TX, held their second annual joint meeting at Murphee's Restaurant in Childress, TX on October 24. Twenty members and guests were present, and the Amarillo Chapter hosted the meeting.

Following a delightful buffet luncheon at noon, everyone settled back for a few minutes of easy listening to Jerry Boles, W5CIV—a teller of jokes, tall tales, and other foolishness.

During the meeting, Paul Gose, W5CJE, of Wichita Falls, was presented the QCWA Century Award.

Before adjourning, Joanie Sleeper, XYL of Herb Sleeper, WB5PHM (Wichita Falls) held a drawing for six lovely African Violets presented to the lucky winners.

Plans are in the mill to make this joint meeting an annual affair.



Shown here at the joint Amarillo-Wichita Falls Chapter meeting with their ham spouses were these XYLs: (front row) Evelyn Boucher, Laura Cash, and Rosemary Roever; (second row) Penny Newman, Margaret Williams, and Joanie Sleeper.



Shown in the photo immediately above are QCWA members attending the Chapters 141 and 114 get-together:

(Bottom row) Leroy Roever, WA5BXH; J.R. Newman, KA5ROX; Cecil Cash, W5PML; Herb Sleeper, WB5PHM; Paul Gose, W5CJE;

(Second row) Edgar Williams, WA5MOB; Russ Guill, WA5FRJ; Sandy McKean, W5MVJ; Margaret Williams, WA5SUA; Jerry Boles, W5CIV; Marshal Rusk, W5AGE; Charles Neal, W5NRI; Carl Kunkel, K5IBI;

(Top row) David Combs, W5VJW; Joe Boucher, W5NQD.



President Joe Boucher, W5NQD (left) presents Paul Gose, W5CJE with the QCWA Century Award. This award signifies that a member's age, added to his or her number of years as a QCWA member, totals 100 or more years.

*Carl Kunkel, Jr., K5IBI
4408 Mesa Cir, Amarillo TX 79109*

Chapter Reports

Yankee Chapter 112

Weather was very kind to the Yankee and other New England chapters this summer. We had an absolutely perfect summer day and enjoyed a terrific picnic in the Keene, NH area. Between 50 and 60 members and friends attended. All of the New England Chapters were represented, and we expect this to become an annual event. Twin State has volunteered to be host for 1993. National Treasurer Wes Randles, W4COW and Director Milt Chaffee, W1EFW were in attendance.

Several members of the New England Chapters—including Yankee Chapter 112—were on hand for the ARRL New England Convention. Many attendees stopped by to chat and quite a number of application forms were handed out. We look forward to seeing some new QCWA members. Al Fruzzetti, K1JJJ, held a brief meeting of all available QCWA members attending the convention.

Many had signed up for our annual Christmas Party, which was to have been held at Dewey's Restaurant in Lakeville, MA. Old Man Winter, however, rolled out a humdinger of a New England snow storm, causing us to cancel. Roads were heavy with snow, surf battered the coast, and it would have been very unsafe for members and friends to brave the elements and drive on icy and snow-covered highways. As they say, "If you don't like New England weather, just wait a minute."

President Al Fruzzetti, K1JJJ appointed Don Lester, W1TSN as Chairman of the Nominating Committee, to report at the upcoming annual meeting in West Boylston, MA, April, 1993. Members have been asked to answer "yes" when asked to serve.

Director Joe Santangelo, N1JS and Gladys Chase, W1VPF have done a wonderful job of continuing the Sunshine Fund this year. They will make a year-end report at the annual meeting in April.

*Robert A. "Woody" Wood, W1VYT
PO Box 171, Topsfield MA 01983-0271*

San Diego Chapter 14

San Diego Chapter 14 held their fall brunch meeting on October 11. Thirty-two members and guests were present.

An excellent, illustrated program on the sun—including its effects on radio propagation—was presented by QCWA member Bob Rose, K6GKU. He also showed a beautiful, full-color video of auroras, taken by a ham in the Arctic.

Our winter brunch meeting was held on Sunday, January 24 at the Admiral Kidd Officers' Club on beautiful San Diego Bay. Several guests were included along with the "regulars" for a total attendance of 31. This is the last meeting we will have at the Club, since they will no longer have a Sunday service. President Ralph Held, K6QS appointed a committee to locate a new meeting place for Sunday brunches, beginning with our spring meeting in late April. Ralph asked each of us to invite an inactive Chapter

member to that meeting.

After a moment of silence for the several recent Chapter Silent Keys and a fine meal, a representative of the San Diego Convention Center presented a program about the center and its operation. After questions were answered, we departed for the last time from the beautiful club which has been our "home" for some years.

*Joseph Saugier, K6CD
16820 Avenida Florencia, Poway CA 92064-1508*

Gator Chapter 32



QCWA Treasurer Wes Randles, W4COW (left) received his 60-Year Golden Certificate and pin at the January 2 meeting of Gator Chapter 32. Wes has been continuously licensed under the call W4COW since 1933, and is proud of his many activities in amateur radio and his service to QCWA.

Gunderson Penn-Jersey Chapter 33

The Gunderson Penn-Jersey Chapter of QCWA holds a regular monthly luncheon meeting on the first Wednesday of each month. Members, wives, and friends gather around 12:00 noon at Lugi's restaurant on Route 46 in Belvedere, NJ.

Chapter President W2WIY, Vice President W3IDD, Secretary W3TI, and Treasurer W3APE have had excellent attendance records. ARRL bulletins and FCC matters are discussed each month and an average of 25 to 30 people attend. All of our Chapter meetings and lunch gatherings are open and anyone is welcome to attend.

*Allen R. Breiner, W3TI
212 Race St, Tamaqua PA 18252*

Chapter Reports

Central Arkansas Chapter 158



QCWA Golden Certificates are presented to Chapter 158 members Harold W. Harrison, W5DFZ (left, 60-Years) and William N. Kiser, WM5H (center, 55-Years) by Chapter President Bob Ideker, WB5VUH (right).

The fifth and final Chapter 158 meeting of 1992 was held on December 19 at the Baptist Medical Center in Little Rock, AR. Twenty-one members and guests attended the luncheon meeting—another excellent turnout!

Following an enjoyable lunch and fellowship period, President Bob Ideker, WB5VUH called the meeting to order. The major item of business was the presentation of nominees for 1993 Chapter officers, made by Nominating Committee Chairman Jack Peterson, W5EKM. We thank Jack and his committee members, Charles Koon, WB5HES and Tom Spencer, W5IGM, for their efforts.

Shirley Spencer, wife of Tom, W5IGM, presented a very interesting discussion regarding a Chapter 158 quilt-making project. Each Chapter member will be allotted one twelve-inch-square space to use for his or her "block" of the quilt. This block will include the member's name, callsign, first year of license, and other related information. The design will be up to the individual member. We extend our appreciation to Shirley for suggesting this creative project and for volunteering to serve as project coordinator.

Our first meeting of 1993 was held on January 16 at the same location. A new record attendance of 22 members and guests made for an outstanding beginning for a new year.

President Bob Ideker, WB5VUH conducted the business meeting, which included the election of Chapter 158 officers for 1993: President, Larry Ballentine, N5BZB; Vice Presi-

dent, Herman L. Cole, W5YDP; Secretary-Treasurer, J. Phil Powledge, K5SVS; and Directors, William C. McClintock, K5SGG and J.P. "Pam" McRae, W5EKD. In keeping with Chapter 158 policy, Bob Ideker, WB5VUH will also serve on the Board of Directors as past President.

The highlight of the meeting was the presentation of QCWA Anniversary Certificates to William N. Kiser, WM5H (55 Years) and to Harold W. Harrison, W5DFZ (60 Years). Our congratulations, gentlemen! It is always a great pleasure to recognize members who have 50 or more years in amateur radio.

Before turning the gavel over to Larry Ballentine, N5BZB, President Ideker gave an overview of the activities of 1992 and expressed his appreciation to the Chapter officers and members who helped make this a very successful year. There is no doubt that the entire Chapter membership is extremely appreciative of Bob's outstanding work and the leadership exhibited throughout his term as President.

Our new President, Larry Ballentine, presented an outline plans he has developed for Chapter activities in 1993. The ensuing discussion of ideas among the members was a good indication that this will be another excellent year for Chapter 158.

*J. Phil Powledge, K5SVS
PO Box 3171, Little Rock AR 72203*

Chapter Reports

Wisconsin Chapter 55



Pictured here (left to right) are Wisconsin Chapter 55 Board members for 1993: Chairman, Mike Ortlieb, KN9P; Vice Chairman, Jim Fischer, W9LPF; Secretary, Mark Michel, W9OP; Director, Verne Teske, W9RYA; Treasurer, Erv Froehlich, W9RZW; and retiring Treasurer, Bob Shady, KB9XR. Directors Bill Haase, W9FPA and Fran Eckland, K9JSY are not pictured. *Photo by W9YCV.*

*Lester A. Peterson, W9YCV
9741 W Howard Av, Greenfield WI 53228-1351*

Southern California Chapter 7

The *Queen Mary* is back on the air! After having to remove their station and antennas from the ship last September, the Associated Radio Amateurs of Long Beach are QRV with W6RO from the *Queen Mary's* radio room.

When the Disney Company pulled out as operator of the tourist attraction in Long Beach harbor, they stopped all radio operations; now that the city is running the ship, they're back in business.

Many QCWA members operate this station, which is on seven days a week during the hours that the ship is open. If you're in the area—come aboard, say hello, and you can likely operate W6RO yourself.

While you're in the Los Angeles/Long Beach Harbor area, you will find amateur stations operating at other maritime attractions.

There's K6AA at the Los Angeles Maritime Museum in San Pedro at the foot of Sixth Street, operated by the United Radio Amateur Club. With almost 300 countries worked and confirmed, their QSL card collection would make any DXCCer envious.

Chapter 7 member Otto Dedrick, W6NGK is the chief operator of K6AA and many other QCWA members help keep the station on the air. The museum is open Tuesday

through Sunday, 10:00 A.M. to 5:00 P.M., and they would love to have you drop by.

Just a mile or so south on Harbor Boulevard is the *Lane Victory*, a restored 1940s vintage World War II victory ship. Last year, she went to sea under her own power for the first time since the Vietnam War.

A group of Merchant Marine veterans have lovingly put her back into seaworthy condition and have relived their past adventures at sea by acting as crew on her voyages to Catalina Island. Many of these veterans are also QCWA members and have put an amateur station aboard the ship.

Up on Point Fermin, overlooking the harbor, you'll find the Fort MacArthur Museum. It looks like a small-scale version of Corregidor in the Philippines, including artillery batteries connected by a labyrinth of tunnels. Last summer they decided to add to the RF in the harbor by putting up a 2-meter station.

All of these stations in the Los Angeles/Long Beach Harbor area monitor 145.52 MHz simplex. If you're within range, give them a call.

On Saturday evening, January 9, the Southern California Yachting Association posthumously awarded the Maritime Order of the Golden Key to Don Wallace, W6AM.

This award, which was instituted in 1986 after Don's passing, is given to amateurs who have made significant contributions to the field of maritime communications. The award was created in memory of the late Dr. Glenn Thorpe, WA6FJE, its first recipient.

Other recipients include Gene Stevens, KA6HOQ, a past President of Chapter 7, and Gordon West, WB6NOA.

It is with regret that we note Myrtle Cunningham, WA6ISY has become a silent key.

If any Chapter 7 members have items you think should appear in this column, please contact George Hively, WA6YEA at (310) 280-7172 days or (310) 831-6662 evenings. We hope to continue these reports so that everyone in QCWA will know Chapter 7 is alive, well, and kicking. Please contribute your news items.

George Hively, WA6YEA

Do You Remember . . . Mercury-Arc Rectifiers?

Mercury-arc rectifiers were used in the twenties and thirties to supply transmitter plate voltage. These unusual tubes contained two "plates," a "starting electrode," and a small "pool" of mercury. When heated, the mercury emits electrons, like the familiar cathode. During operation, this "arc current" is sufficient to keep the mercury hot and the tube functioning.

Paul Dillon, W5GT

Chapter Reports

Dallas Chapter 41



Nadine Wells, W5ZUT (left) and Ruth Chance, K5YL receive QCWA Certificates of Appreciation for their secretarial work in the Irving, TX QCWA Headquarters. Presenting the award at the December 5 Dallas Chapter meeting is Luther Pully, W5JIZ.

*Luther S. Pully, W5JIZ
3910 Cedarbrush Dr, Dallas TX 75229-2703*

Evergreen Chapter 87

Our newest member, Joe Overstreet, W7LFF, has just been elected the Sheriff of Latah County, Idaho. Joe has held his ticket since 1954—first licensed in the great state of Connecticut. He served several years in the US Army as Commander of a company of military police, and is a Lieutenant Colonel, Retired. (His XYL, Dee, is also a LT COL, US Army, Retired. I wonder who tells whom what to do, *hi!*)

President Lance Haserot, K6LWS also has an interesting background. Lance was born in the Los Angeles area and received his ticket in 1955 while still in high school. Later he earned a BS degree in Chemistry from the University of California at Riverside and a Masters in Chemical Engineering from UC Santa Barbara. Next, he moved to North Idaho and held several jobs completely unrelated to his education—including logger, teacher, and bill collector.

While in Idaho Lance became so enthralled with sky-diving he even purchased his own airplane “to cut down the expense.” In a 1979 accident, his chute didn’t open—and the emergency chute ripped—plummeting him to the ground in a standing position.

After months of hospitalization, Lance mastered his wheelchair and took refresher courses at the University of Idaho. Nothing stops Lance: he now serves as Chairman of a group he organized to look over several enterprises, and

serves on the Governor’s Commission for Employment of Handicapped and Older Workers. Since that wasn’t enough to occupy his time, he has accepted an appointment to the Board of Directors of his Sewer and Water District.

We salute Lance and every other person in QCWA who are remaining active and occupied while confined to a wheelchair.

Please join Evergreen Chapter in our Sunday net at 0700 Pacific, on or near 3985 kHz. We’d like to meet you.



President Lance Haserot, K6LWS at Chapter 87’s annual picnic . . . “doing what he enjoys most.”

*Al Cutting, W7ENQ
499 Paradise Dr, Moscow ID 83843*

Austria Chapter 136

Ten years ago I filled the request of DL1YA to found the Austria Chapter of QCWA. We now have about 40 members, too widely dispersed throughout Austria to easily schedule meetings. As dues have increased, it has become difficult to add members.

We meet once each year in May as part of “Radio Amateur Days” in the little town of Laa a/d Thaya in east Austria.

Each quarter I send a printed letter (in German) to our members, and the first Wednesday of each month we meet on the air on 3720 kHz—also in German.

Participants each month include OE3NR, OE8PE, OE3OE, and myself, plus (perhaps) OE9SLH and OE5DI.

Chapter Reports

We also join often in the Chapter 106 meetings on the air every Monday.



Austria Chapter 136 members (from left): OE8PE, OE3RE, OE9SLH, OE3OE, and OE3WZ.

Best 73 and sincere regards,

*Dr. Emmerich "Amery" Rath, OE3RE
A 3550 Langenlois, Austria
Post Office Box 27*

Cleveland Chapter 1

Our Chapter 1 Executive Board meeting was held on Tuesday, December 15 at Squire's Restaurant in Solon. In attendance were W8VRJ, W8GDQ, W8WGO, K8BB, W8FAZ, W8WAB, W8UYN, W8MMC, and W8EFW. One of the main topics discussed was the extension and promotion of membership of qualified hams into QCWA and Cleveland Chapter 1 organizations.

Chapter 1 Silent Keys for 1992 include W8LYD, W8IY, W8AUM, N8BC, W8KS, and K8VUK. May they sleep the sleep of Peace!

Sam Steele, W8SZ is now in a nursing home. Frank Potylicki, W8EMZ is ill at home. How about dropping these old-timers your QSL card?

My apologies to Fred Collins for getting his call wrong in my last report. Chapter 1's Personal Achievement Award of 1992 was given to Fred Collins, W8ADW (not W8AZW). Congratulations, Fred—W8ADW.

We also welcome all the new members who joined QCWA and Chapter 1 during 1992.

On January 9, after our traditional luncheon, Chairman John, W8VRJ made a few opening remarks relative to our membership drive and to Silent Keys, and Kirk, W8WNA extended regards from our two members in Sweden. Historian Paul, W8EFW and Secretary Jack, W8WGO also had interesting information to contribute.

Next came a general eyeball QSO among all attending. Some of the members had their first chance to meet someone in person after having talked via ham radio for years.

Cleveland Chapter 1 has two active amateurs in Sweden on its membership list. Richard Storm, SM5BVU lives in Akersberga, a suburb of Stockholm, and is employed by Phillips in their Stockholm office. Knut Almroth, SM5FH lives in Lingham, a city in south central Sweden, and is a retired electronics engineer. Both are active on all bands and regularly QSO W8WNA on 15 and 20 meter CW/SSB.

SM5BVU also works packet and has exchanged messages with Jack, W8WGO and with WB8JBR and W8BAA, the Brecksville VA Hospital in the Cleveland area. They both met W8WNA more than 20 years ago through the Odd Fellows Ham Radio Club. W8WNA has visited their homes twice; SM5BVU has been to Cleveland numerous times.



Jack Goldfarb, W8WGO (right) receives the 1992 President's Award for dedication through the years to Chapter 1, QCWA National, and amateur radio. Jack is also on the 1993 QCWA Nominating Committee. His award was presented by Chairman John Mistic, W8VRJ (left).

Our next dinner meeting is scheduled for noon Saturday, April 17, at a location to be announced.

*Joseph Zelle, W8FAZ
24124 Glenbrook Blvd, Euclid OH 44117-1971*

Do You Remember . . . Soup Rectifiers?

Your mother's canning jars were used as containers for the "cells." Scrap aluminum and lead were used for the positive and negative plates, while "Borax" (or baking soda), in a water solution, was the electrolyte. The cells were connected in series (the number required was dependent on the AC voltage value). They worked well, but were messy. At W8VI one winter, our entire bank of jars froze and burst! That was an experience I will never forget . . .

Paul Dillon, W5GT

Chapter Reports

Western Ozark Chapter 171



New 1993 officers of Chapter 171 include (from left) Secretary/Treasurer Marshall Turner, K0ADM; President Gilbert Hoellerich, WB0KTZ; and Vice President Roy Milliren, AF5W. Roy was the Chapter's founding President, and Marshall was our first Secretary/Treasurer.

Western Ozark Chapter meets four times a year in the Springdale, Fayetteville, Rogers, and Eureka Springs, AR areas.

*Marshall Turner, K0ADM
47 Stateline Dr, Eureka Springs AR 72632*

Lake Erie Tri-State Chapter 122

Chapter 122 held its annual membership meeting at Hoss's Restaurant, Meadville, PA on October 24. Eleven members and eight guests enjoyed a luncheon meal from the extensive menu. President Joe Seppala, KC3LV held a short meeting to inform the members of pending Chapter Constitution and By-Laws revisions. Since there was no formal program, the members enjoyed a time of fellowship.

The Constitution and By-Laws of the Chapter were reviewed earlier in the year by Paul Gerbracht, W3QPP and Bert Van Houten, W3TPW. Joe, KC3LV; Paul, W3QPP; and Hank, WI3U attended a COOCOM meeting in Sharon, PA on October 13. The various members shared concerns about waning interest in QCWA and its Chapters and shared ideas on ways to stimulate eligible amateurs to join. (Modern society seems to provide a plethora of activities to keep prospective members otherwise occupied.)

The Chapter extends its sympathy to the families and friends of Carl Moore, NJ3D; Wilbur "Bumps" Rimer, W3IE; and Ray Graham, W3VXV, who recently became Silent Keys. We also share the sorrow of Ivan Wilkinson, W3RMF and Howard "Mac" Mac Ivor, W3AQY. Ivan's

stepfather and Mac's wife passed away in November.

Our first 1993 meeting was held on Saturday, January 16. Gerry Owens, AB3X offered the blessing on the food and travel.

President Joe Seppala, KC3LV presented a 60-Year Golden Certificate to Charlie Willett, W1ESP, and members offered their appreciation for his long service to amateur radio—with the hope he will have many more good years.



Charles Willett, W1ESP (left) receives his 60-Year Golden Certificate and congratulations from Joe Seppala, KC3LV.

All members are invited to participate in April's COOCOM meeting in Sharon. This is our election year, and a nominating committee will be appointed to select a slate of officers to conduct Chapter business in 1994 and 1995.

Our appreciation to Paul Gerbracht, W3QPP for his efforts to keep our membership informed through the Chapter newsletter, *L.E.T.S. Talk*. The only change we look forward to in 1993 is renewed interest in QCWA and the Chapter activities.

*Henry L. Schultz, Jr., WI3U
610 Young Rd, Erie PA 16509-3175*

Bay Area Chapter 184

On October 31, J.B. "Foxy" Fox, W5HIR received his 50-Year QCWA Gold Certificate in this brand-new Chapter's very first award ceremony. It was a thrill for our President, Dick Wells, who did the honors, and for all of us who attended. And it sure made Foxy happy!

In fact, he's already getting carried away and has applied for his 50 Years Continuous Licensing certificate. Foxy served with the US Army Signal Corps during World War II—first in the Pentagon and then in the South Pacific. After the war, he went to work for Chance-Vought, designing antennas and, in particular, gunlaying antennas.

He's enjoyed chasing DX over the years, and is active in Army MARS (AAR6YS) and on AMTOR, RTTY.

Chapter Reports

On a good day," he says, he can copy CW at 35 WPM. All of us in Chapter 184 are very proud of Foxy . . . he's a Board member, and a tremendous asset to the Chapter.

Lou McFadin, W5DID (standing, right) presents Chapter 184's first program—a video and talk (with handouts) on the SAREX program. He and Doug Ward are the two NASA engineers who have been the driving force behind SAREX and have designed all the hardware systems flown, as well as the main satellite system used at W5RRR.

Lou discussed operations ranging from Dr. Owen Garriott's beginning years ago—using only a handie talkie—to the sophisticated NASA missions now being flown.

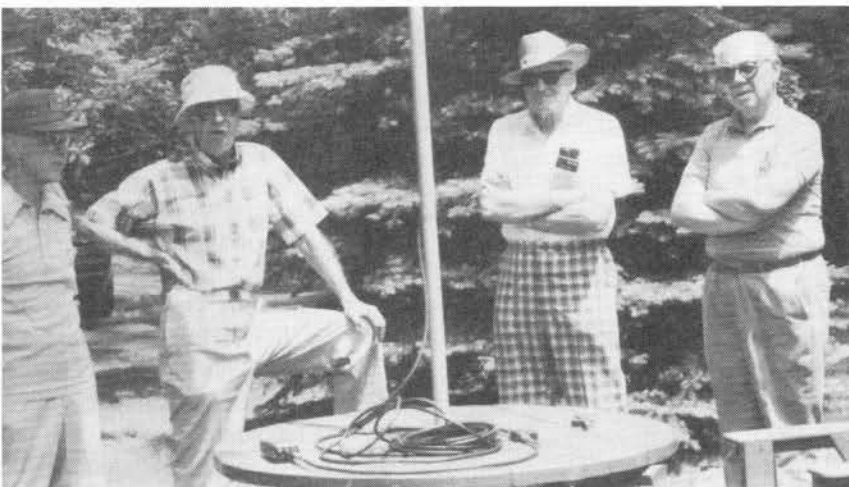
Pete Newell, KE5DQ

2935 Calder Dr TT-35, League City TX 77573

Niagara Frontier Chapter 65

On November 11, 1992 our Director Ralph Janowsky, W2RPO became a Silent Key. Ralph was first licensed in 1935. He was an engineer with WBEN-TV and later with Columbus McKinnon Corp. Our sympathy to Florence.

A christmas get-together on December 19 at the Williamsville Inn was attended by about 18 Chapter folk. Cookies, candy, and a super cake were enjoyed by all. Thanks to Slim, Dorie, and others, and special thanks to Merritt and Phyllis for the neat gift of mints to each of us.



Pictured at Niagara Frontier Chapter's 2-meter picnic call-in site are (from left) Vice President Tom, W2QI; Carl, W2PPL; Bill, W2EWT; and Bob, W2WVC.

We still meet at 12:00 noon every Saturday for lunch at Williamsville Inn. Only five dollars . . . including tip!

*Kenneth R. Palmer, K2FJ, ZB2G
12750 Williston Rd, E Aurora NY 14052*

Delaware Valley Chapter 5

Delaware Valley Chapter had scheduled a luncheon and visit to the new WJZ AM radio station, located in Mt. Holly, NJ, for January 30. The visit to the station had to be cancelled, however, and we hope to set a new date during February. The brand-new WJZ is operating at a power level of 50 kw and the antenna towers are very impressive.

Chapter 5 lost one of its Sunday morning net members in the passing of Gus Girona, W2JE. Gus had been ill for quite some time, but managed to check in up until a few months back. He was Executive Secretary/General Manager of QCWA from 1965 to 1973, and was given the Roll of Honor Award in 1981. Gus will be missed by his many friends.

Delaware Valley's next regular meeting will be held in April. An informal group of Chapter members get together the first Monday of each month at the Bosphorus Restaurant (old Mannys), Route 13, in Bristol, PA. All are invited to attend the luncheon at 12:00 noon.

The Delaware Valley Net is on Sunday morning at 10:00 a.m., 3917 kHz., with NCS W2EEQ. Anyone is invited to check in.

Don Field, W2UAE

101 Denow Rd, Lawrenceville NJ 08648

Do You Remember . . . Loop Modulation?

This was an early method of producing "voice" transmission used by ham operators. Required was a single-turn loop of wire and a carbon "mike" from an old telephone.

The loop was placed near the output "tank coil" of the transmitter (a self-excited oscillator), and the mike connected across it.

There were two problems: First, the modulation percentage was low. Second, if the loop was too close, the RF field could "pack" the carbon granules inside the microphone and destroy it.

The loop method produced, primarily, amplitude modulation (AM), but—in addition—frequency modulation (FM) could be generated.

Paul Dillon, W5GT

1125 French St, Irving TX 75061-4920

Chapter Reports

Mid-Continent Chapter 35



Mid-Continent Chapter 35 officers for 1993 are (from left) President, Don Mehl, W5BB; President-Emeritus, Mac McAllister, W0CW; Vice President, Larry Reeves, WA0GKZ; and Treasurer, Bill Cramer, W0ZL.



Lee Bergren, W0AR (right) receives his QCWA 60-Year Golden Certificate from Don Mehl, W5BB.

Our fall banquet meeting, attended by 46 members and guests, was held in Kansas City, MO on November 22. A 60-Year Golden Certificate was presented to Lee Bergren, W0AR. Following the banquet, the new officers for 1993 were announced: President, Don Mehl, W5BB; Vice President, Larry Reeves, WA0GKZ; Treasurer, Bill Cramer, W0ZL; and Secretary, Dwight Sorensen, WA0ITU.

A very interesting slide presentation was given by Chet

Hallberg, K0TCB and Mary Jo Hallberg, K0TGU, concerning their experiences in working Red Cross disaster relief after the 1992 hurricanes in Florida and Guam.

Chapter 35 holds weekly luncheons, beginning at 11:00 A.M. on Thursdays at Wyatts Cafeteria in Mission, KS. Banquet meetings are held semi-annually. You're all invited.

Don Mehl, W5BB

11605 Minor Dr, Kansas City MO 64114

Northwest Chapter 4

Members of Chapter 4 met on October 3 at Nile Temple, A.A.O.N.M.S., in Mountlake Terrace, WA. Featured speaker Harry Lewis, W7JWJ presented some beautiful color slides of Alaska. He did such a great job that he was elected Chairman for 1993. Harry is also Manager of the Western Washington Section of ARRL's Pacific Division.

Others elected were Vice Chairman Donald Demmons, K7CDI and Harold "Curley" Johnston, W7PN, continuing as Secretary-Treasurer.

Our spring meeting will be held in Centralia, WA on April 24.



Above, newly elected Chapter 4 Chairman Harry Lewis, W7JWJ stands with Vice Chairman Donald Demmons, K7CDI (right). In the inset photo below and left is Charles O'Donovan, K7RWU, 1992 Chairman.

Frank Piskur, K7FP

10352 Sandpoint Way NE

Seattle WA 98125

Chapter Reports

Gulf Coast Chapter 131

Gulf Coast Chapter 131 had a good year in 1992. Chapter meetings were held at the Homestyle Family Buffet, Port Richey, FL. We meet on the first Wednesday of the month, at noon—except July and August, when we have a picnic.

Our picnic was held at Crews Lake Park, near Hudson, FL. President Shai Herrick, WINHJ made the arrangements. After the picnic, some members climbed an observation tower in the park and tested the ability of their 2-meter HTs.

On December 2, we had our annual Christmas dinner at the Spartan Manor in New Port Richey, FL. A piano player and singer entertained during the noon meal.



Gulf Coast Chapter 131 officers include (from left) Secretary, Bob Imhof, AG2K; President, Shai Herrick, WINHJ; and Treasurer, Fred Morgan, W8FOU. At right is Carl Wagenfohr, W2NRL.

*Bob Imhof, AG2K
7314 Isle Dr, Port Richey FL 34668*

Colonial Chapter 166

Our Christmas Party was held on December 9 at the Country House Inn in Wawa. All the ladies received a poinsettia plant to take home and an accordionist provided the entertainment.

Our spring meeting will be on March 31, and everyone is looking forward to the new season and a new slate of officers.

Our Wednesday afternoon 2-meter net is growing and more are invited to join in. Ideas never work unless you do.

Chapter 166 now has 42 members and we get a big turnout at our luncheons. We always welcome new members and visitors to the area.

We encourage our members to plan now for the QCWA 1993 National Convention, October 29–30, at St. Petersburg–Clearwater, FL.

Good luck to all who participate in the QCWA QSO Parties.

*Charlie Stouth, W3ZPP
261 Prince Frederick St, King of Prussia PA 19406-2211*

Your Purchase of QCWA Sweatshirts and T-Shirts Helps Support the Building Fund

New QCWA sweatshirts are top quality, beautifully made, machine washable and dryer-safe. Sweatshirts are available in white, with a bright blue QCWA logo, in sizes Medium to XXLarge.

T-Shirts are of identical quality, available in the same range of sizes, and come in your choice of two color schemes: white with blue logo or blue with gold logo.

Prices for the sweatshirts are \$15.00 for sizes Medium, Large, or XLarge, and \$18.00 for XXLarge. T-Shirts are \$10.00 for Medium and Large, \$11.00 for XL and XXLarge.

Complete the coupon below, and send your check—including \$3.00 shipping and handling for each 1 or 2 items—to QCWA Headquarters, 159 E 16th Ave, Eugene OR 97401-4017.



Art Miligan, W8KW

Order Your Shirts Here

Sweatshirt, white with blue logo . . .

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T-shirt, choose ☐ white with blue logo

☐ blue with gold logo . . .

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Enclose \$3.00 s/h for each 1 or 2 items ordered

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State/Province _____ Zip _____

*Mail your check (include shipping/handling) to:
QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4107*

Chapter Reports

El Paso Chapter 64

El Paso Chapter 64 held its annual meeting on December 19 at the Ranch Restaurant. The following officers were installed for the 1993-94 term: Vice President John J. Dunsmore, W5DTP; Secretary-Treasurer Manny Gonzalez, W2BFI; and Directors Andrew Pflug, W5VTA and Jean M. Carlson, K0ZRD.

Congratulations to all the elected and re-elected officers. We also want to compliment the Nomination Committee for doing an outstanding job in their selection, and we salute Bart Thwaites, W5SQM for the good work he has done as past Director.

Our newest member, Randy O'Hara, WA5IFM, is recuperating from a visit to the hospital. Good luck, Randy, and we are looking forward to seeing you at the meetings.

We also have good and bad news about "Tex" Burdick, W5BQU. The bad news is that Tex had a bad fall from atop his motor home, breaking several ribs and other bones. The good news is that he has recuperated nicely and is back at the business of travelling in the motor home.

Tex had a book published on his life story—entitled *Blades in the Sky*. Written by T. Lindsay Baker, it depicts all the adventures of building and maintaining windmills in Texas, New Mexico, and Arizona over the past 50 years. Tex turned 92 years young this past September.

Noel Olmstead, W5URT is also on the mend and has returned home from visiting his sister.



Chapter 64 officers are (standing, from left) Director Andrew Pflug, W5VTA; Director Rick Rumbaugh, WA5PIE; and Secretary-Treasurer Manny Gonzalez, W2BFI; (front, from left) Vice President John Dunsmore, W5DTP; President Robert Carroll, K5IE; and Director Jean Carlson, K0ZRD. Not shown is Director Clay Emert, K5TRW.

Chapter 64 will celebrate its 20th Anniversary this year and we are planning a banquet. We'll have more news about this in future *Journal* issues.

We are also very busy making arrangements for the National Convention in El Paso on September 30 and October 1-2, 1994. We hope to attend the convention in St. Petersburg this year to get more ideas. It is our opinion that the El Paso convention will be a unique experience for all, and we're hoping for a big turnout. There will be plenty of things to do, so plan on spending a few days in the sun with us. We promise you will be surprised . . . and have something to remember for a long time.

Robert J. Carroll, Sr., K5IE
10025 Suez Dr, El Paso TX 79925-4636

Sacramento Valley Chapter 169

A QCWA Meritorious Award was presented to Don Johnson, W6AAQ at our monthly meeting on Wednesday, January 13, here in Sacramento.



Don Johnson, W6AAQ (at right, above) receives the QCWA Meritorious Award from Sacramento Valley Chapter 169 at their January meeting. Shown with Don are President Paul Wolf, W6RLP (left) and Secretary Bill Hendrick, NS6D (center).

Don received the award for his many contributions to amateur radio over the years. His most notable effort was the development of an automatically-tuned mobile antenna, which the US military also plans to use.

There were about 50 hams and visitors attending the presentation, which took place at Lyon's Restaurant, 1000 Howe Ave, Sacramento, where our Chapter meets every second Wednesday.

Paul L. Wolf, W6RLP
4812 Peale Dr, Sacramento CA 95842

Chapter Reports

Tex-La Golden Triangle Chapter 51

Our group continues to hold meetings on the first Saturday of each month at a local seafood restaurant. From 25 to 30 members and guests regularly attend.



Recipients of Chapter 51 Hurricane Andrew Appreciation Certificates are (front, from left) Harold Bartlett, W5KWA; Evelyn Bartlett, WA5MPW; Dub George, WA5BFF; (back, from left) Jerry Lutring, WD5EXC; A.C. Randle, N5DLS; and Glenn Tronstad, W5MSX.

A new slate of officers was chosen at the November meeting: President, John Lindell, W0YCY; Vice President, Captain Glenn Tronstad, W5MSX; and Secretary/Treasurer, Dee Evans, WA5BEU.

QCWA was well represented at the annual area-wide Ham Christmas Party.

At the January Meeting, Certificates of Appreciation created by Dub George, WA5BFF and Glenn Tronstad, W5MSX were presented to area hams who participated in the Hurricane Andrew evacuation activities.

The weekly Monday evening net on 146.70 continues to draw between 14 and 20 check-ins.

*Dub George, WA5BFF
4100 Big Bend, Port Arthur TX 77641*

Northwest Indiana Chapter 36

Northwest Indiana Chapter 36's May 1992 meeting was held at the Griffith Public Library. Ron Banaszak, WO9P presented Bob Pepin, W9BUN with the Meritorious Service Award and Neil Barry with a 50-Year QCWA Golden Certificate.

During the meeting, John Hollis, N9MRS, a 60-year veteran of amateur radio, gave a fine talk on the open wire feeder system he is in the process of building.

He also brought a sample of the feedline, which uses #8

wire. *Wow!*

Neil Barry, W9SNF spoke briefly about his radio history. He served during World War II in the US Army Air Corps, guiding our aircraft across the Pacific Ocean with the help of 16 Hammarlund Super Pro receivers. Each receiver had its own panadaptor, and ran continuously to provide frequency stability.

Neil stated that he can prove that the VFOs in the ARC-5 Command transmitters were very stable in spite of vibrations from the aircraft—and rumors to the contrary in the amateur community. From his vantage point on Guam, he would regularly watch the ARC-5 signals walk across his panadaptors and off the screens.

When W9SNF returned to civilian life, he involved himself in the sale of electronic components at Electronic Distributors, Inc. (now called Electronic Surplus, Inc.). I'm sure Neil is out of ARC-5 rigs by now.

A corner of the ESI store is devoted entirely to old, old amateur radio gear, accessories, tubes, and old books such as Radio News. Items are housed in well-lighted display cases include Philmore crystal sets, a Millen R9er, Meissner Signal Shifter, and old QSL cards.

Neil is a real devotee of QCWA and has a perfect attendance record for all meetings and functions. We at Chapter 36 are honored to belong to the same QCWA Chapter as Neil, W9SNF.



Bob Pepin, W9BUN (left) receives a Meritorious Service Award and Neil Barry, W9SNF (right) accepts his 50-Year Gold Certificate from Chapter 36 Secretary/Treasurer Ron Banaszak, WO9P (center).

*Ron Banaszak, WO9P
6111 W 1100 N, Demotte IN 46310*

Your Nominating Committee needs your help . . . Fourteen officers and directors will be elected to take office in 1994. ***Can you serve . . . or do you know someone qualified?*** See page 23 for more details.

Chapter Reports

Suwannee Chapter 62

Pictured here are Suwannee Chapter 62 incoming and outgoing officers. From left to right: Ed Petrosky, AC4DE, '93 Director; Bob Saulpaugh, AG3S, '93 Secretary/Treasurer; Doug Morrick, W3NNT, '92 President; Tom Braumbaugh, KI4CX, '93 Vice President; Daisy Coleman, W4QAV, '92 Secretary/Treasurer; Bob Henry, W4PFQ, '92 Chaplain; Bill Menner, K2YMQ, '93 President; Jim Keele, K2SN, '93 Chaplain; and Rollo Medler, W4ANN, '92 Director. *Photo by W4UKA.*

George T. Sperry, W4UKA
635 SE 19th St, Ocala FL 34471



Central Florida Chapter 107

In this Journal report, Central Florida Chapter 107 highlights Norm Darch, W2HGV, charter member and past President. Norm was also a charter member of Long Island Chapter 81, and is immediate past President of the Lakeland (FL) Amateur Radio Club . . .

Norm Darch, W2HGV was born in Chicago, IL in 1917. He received his first amateur license in 1935, plus his commercial 1st Class Radiotelephone and 2nd Class Radiotelegraph tickets shortly after.

He served in the US Naval Reserve in 1937 and the US Coast Guard from 1939 to 1945, with service on the Great Lakes and in Alexandria, VA. He was rated Chief Radio Technician and specialized in equipment development and advanced technologies. Norm has an EE degree from Purdue University and an MBA from Adelphi University.

His employment in the New York City area by several specialized electronic firms was followed by many years with



Grumman Aerospace Company (NY) in R&D military electronics—including special assignments to the Middle East. Norm did comparable work for Piper Aircraft in Lakeland, FL until his retirement. He also taught electronics at night schools in New York City for 17 years and in Lakeland for 2 years.

Former calls held by Norm Darch are W9WEZ and W8VAP. His equipment has progressed from a TRF receiver and '59 tri-tet oscillator to modern transceivers, amplifiers, and sophisticated antenna systems. His hamming is 50/50 SSB and CW (at 40-wpm-plus!). Norm is an Elmer to many aspiring and established hams, and our Chapter is honored by his membership.

Central Florida area QCWA members are invited to join our Saturday net, 0900L, 7243 kHz. Luncheon meetings are the third Saturday of the month, 11:30 A.M., at Stacey's Buffet (Banquet Room 2), 4320 US 98N, Lakeland, FL.

*"Men are never free. Not when they are ruled
by their own desires."*

Edward Rutherford, in his novel, *RUSSKA*.

Jim Gundry, W4JM
2908 Forestgreen Dr S, Lakeland FL 33811-1616

Muskegon Chapter 74

The Muskegon Chapter (West Michigan) meets the second Thursday evening in January, March, May, September, and November at Vic's Restaurant in Spring Lake, MI. We average 25 at these gatherings, where good food and camaraderie is enjoyed by all.

The January, 1993 meeting saw Hank Riekels, WA8GVK re-elected as Chairman of the group and Frank Bruce, N8JMB re-elected Secretary-Treasurer. The QCWA 70-Year Certificate was presented to Fred Castenholz, W8CJ,

Chapter Reports

honoring his 70 years in amateur radio. Fred is a retired police chief who built one of the first police radio systems in western Michigan, in Muskegon, back when they were only low frequency AM.

We sadly acknowledged the passing of Joseph Czneriak, W8NWU. Joe was the founding force behind the chartering of Chapter 74. Joe's efforts through the years kept the local hams active and interested in QCWA. Joe was one of the top performers in the original ARRL WIAW frequency measuring contests before frequency counters were so available off the shelf.

QCWA members who may be traveling through the area at the time of our meetings are invited to join us.



Fred Castenholz, W8CJ holds his QCWA 70-Year Golden Certificate, received from Chapter 74 Secretary-Treasurer Frank Bruce, N8JMB at their January meeting.

*Hank Riekels, WA8GVK
95 W Webster, Muskegon MI 49440*

Central Illinois Chapter 59

Thirty-six members and guests were present for the fall meeting of Chapter 59, held at the Elms Restaurant in El Paso, IL. Following opening remarks, we introduced those present and observed a moment of silence for departed members. John Moss, NO9V conducted a short business meeting.

After much discussion, we decided to hold future spring meetings during the third week of April (Saturday) and fall meetings the third week of October (Saturday). Meeting dates are firm, but the meeting place will be decided later.

KB9BOJ presented a very informative, non-technical program on the topic "Satellites." We learned how to get into the satellite phase of amateur radio with a limited budget—no need to mortgage the home—and all enjoyed the presentation.

After a prize drawing we adjourned until our next meeting, Saturday of the third week in April, at the Elms in El Paso, IL.

*Johnny Vasicak, W9ZEN
124 N Glen Av, Oglesby IL 61348*

Sunflower Chapter 79

Sunflower Chapter 79 held its annual meeting December 9 and elected officers and directors for 1993: President, Jim McKim, W0CY; Vice President, Bill Johnson, W0AHK; Secretary/Treasurer, Del Patterson, W0JCY; Public Relations, Steve Stephenson, W0TSY; and Directors, Ed Newman, W2RPZ and Bob Bryant, W7HGW.

The Chapter had dinner meetings with interesting programs throughout 1992, including a covered dish outing for the June meeting. The Awards Committee presented various Anniversary Certificates to eight members at the April meeting. These awards included 50- through 65-Year Certificates.

Silent Keys during the year included Bob Glaser, W0VGA; Bill Wilkinson, W0MUN; and Clyde Zinn, W0YVI. Al Unruh, W0AWP lost his wife, Mim, of 82 years of companionship. The Chapter extends condolences to their families on their loss.

New QCWA and Chapter members are Larry Waggoner, W0KA; Harold Low, WA0OPD; and Clayton Dodd, WA0SFI.

Our Wednesday night 2-meter net almost always has a good response from QCWA members as well as non-QCWA members.

*Del Patterson, W0JCY
4411 W 16th St, Wichita KS 67212-1704*

Southeast Wisconsin Chapter 162

The Chapter met on November 16 at the Around the Clock restaurant. Member Larry McCalvy, WA9JMO, who has visited Russia twice in the last two years, suggested that the Chapter consider adopting a Russian ham club as a sister club. Larry will visit Russia again this coming summer and will try to make necessary arrangements.

The December meeting was the annual Chapter Christmas party, held at the Kilbourn Gardens, and featuring a gift exchange. A fine cake for dessert was provided by Marcy, XYL of Chuck Knotek, W9GKM. Poinsettia plant table centerpieces were presented to winners of a drawing. Larry McCalvy, WA9JMO was nominated for "Ham of the Year," an award to be presented at the area ham banquet in February.

A meeting and activities schedule for the year was adopted at the January meeting. A ham radio demonstration will be put on by the Chapter at Case High School on January 27.

The Chapter decided to purchase an all-band HF antenna, coax, and a mast for use in such demonstrations. Rubber stamps will be purchased to use on ARRL publications to be handed out to interested visitors at demonstrations. Bill Komistra, W9OVZ will attend the Dayton Hamvention® and sell items to raise Chapter funds.

*Robert N. Jensen, W0WLN
5616 Cambridge Ln #6, Racine WI 53406*

Chapter Reports

East Georgia Chapter 100

Chapter 100's quarterly dinner meeting was held on October 15 at 7:30 P.M., at Williams Seafood restaurant in Augusta, GA.

Awards were presented to: Joe H. Good, Jr., W4HRR—50-Year Continuous Licensing and 50-Year Distinguished Service; Ken Cambell, K4JSG—50-Year Distinguished Service; and Don Anderson, K4PSW, Meritorious Award.

Five new members joined Chapter 100 in 1992: George Myrick, KJ4DW; Carrol Norton, NA4I; Frank Thomas, W4QDM; Bill F. White, W4TUN; and Joseph Hopkins, W4WFZ. Welcome!



President Don Anderson, K4PSW (left) receives his Meritorious Award from Roy Robinson, K4EDU.



J.R. Good, W4HRR is awarded his 50-Year Continuous Licensing and 50-Year Distinguished Service certificates.

Ken Cambell, K4JSG (right) is presented his 50-Year Distinguished Service award by Chapter 100 President Don Anderson, K4PSW.

*Donald R. Anderson,
K4PSW
President, Chapter
100*



Vic Clark Chapter 91

Once a year, Vic Clark Chapter 91 enjoys a Christmas Luncheon with the Washington Chapter of the Society of Wireless Pioneers. This year's luncheon was held on Saturday, December 12, and was one of the best ever. In spite of some questionable weather, we had a turnout of some 50 people with good participation by XYLs.

Our past experience has shown that members prefer to visit and conduct eyeball QSOs rather than hear speeches, so we kept oral presentations to a minimum. Santa came to the party in the person of Emerson "Em" Mehrling, W4NH, who is a member of both organizations and was the principal developer of the luncheon. Em took a look under the Christmas tree and found a number of gifts which he distributed with the help of Ruth Barnabei. He also conducted an auction which was well received—including a number of bids for his Santa cap, which he refused to part with.

President John Swafford, W4HU presented a Meritorious Service Award to Jim Wilcox, K4JAP for his outstanding contribution as Net Control for our Sunday morning meeting on the air. Jim has made this weekly event more



Chapter 91 Santa "Em" Mehrling, W4NH and his Elf, Ruth Barnabei, distribute Christmas gifts.

Chapter Reports

popular and a great means of finding new members. In addition to an average of 15-to-20 net participants, we also have a considerable number of listeners who like to hear from our members as they talk about ham radio experiences over a number of years.

We heard short presentations from Granny Clink, W3ABF; Chapter 23's Stan Bringham, W3TFA; Jack Kelleher, W4ZC; and John Kanode, N4MM. One of the highlights of our luncheon was the presence of Hester Clark, the widow of our Chapter's namesake, along with members of her family. Hester was introduced by our President and given a big hand of appreciation by the group.

Our usual 50/50 drawing and door prize drawing was held to the delight of the winners and one table that scored quite well in the drawings was given a hard time (in fun, of course). Ruth Barnabei gave her legs a good workout delivering the goodies to the lucky winners.

Lewis L. Bradley, W4SWP

8520 Culver Pl, Alexandria VA 22308

Nutmeg Chapter 149

The winter meeting of Nutmeg Chapter was held on January 9 at the 95 House Restaurant in North Haven, CT. Sixty-eight members and guests were present.

President Harold Chase, W1EES welcomed the group and announced that Stanley Domorod, W1AKG has celebrated his 93rd birthday; that Edward Zimmerman, W1ZFK will be 84 in May; and that George Hart, W1NJM has recovered from a recent illness.

Harold expressed the Chapter's sympathy on the deaths of Ernest Carruth, K1CSY and Bob Obert, W1UWU. Bob had been serving as the Chapter's Secretary at the time of his death. Milt Chaffee, W1EFW will complete his term of office.

Cal Bennett, W1KHL, Net Manager, reminded the membership that the net meets on Sundays at 11:30 a.m. on 3923 kHz. President Chase recognized Don Steele, W1NFG for his contribution to an article in the January, 1993 issue of *QST* ("Life After Death: A New Beginning.")


Al Cohen, W1FXQ introduced guest speaker Steven Arruda, Resident Agent In Charge for New Haven's US Customs Service. Steven gave a slide presentation which included a brief history of the US Customs Service, its areas of responsibility, and relationship to some 40 other Federal agencies. Most of his remarks involved illegal narcotics trade arriving by boat or truck in Connecticut ports and cities. Although spine-tingling at times, some of the cases he discussed also had their lighter moments.

Cal announced that the next quarterly meeting of the Chapter will be on May 8 at a place and location to be announced.

Charles S. Griffen, W1GYR

1225 New Britain Av, Elmwood CT 06110-2405

Order Your Official QCWA QSL Cards Today . . .

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Complete in full and mail with your check to:
QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4107

Chapter Reports

Southwest Ohio Chapter 9

The Southwest Ohio Chapter of QCWA will hold its 1993 Annual Banquet Friday, April 23—the first evening of the Dayton Hamvention®, at Neil's Heritage House. COD bar is at 6:30 P.M., and the banquet starts at 7:30. You don't need to be a QCWA member to attend.

Gordon West, WB6NOA will be the featured banquet speaker. Tickets are \$16.00 each, and reservations are required. To get your tickets, make a check payable to Robert L. Dingle, Treasurer, Chapter 9, and mail to 1117 Big Hill Road, Kettering OH 45429-1201.



Chapter 9 officers for 1993 are (from left) Secretary/Treasurer Bob Dingle, KA4LAU; President Dick Callahan, W8GNV; Director Joe Hausmann, W8HU; and Vice President Bill Newill, W8LIL.



Charles Stinger, W8GFA, speaks to Chapter 9 about the Doron Radfio Company, in business during the early 1920s in Hamilton, OH. Equipment Charlie displayed and explained included a Paulsen arc, shown on the table in front of him.

Robert L. Dingle, KA4LAU
1117 Big Hill Rd, Kettering OH 45429-1201

Barry M. Goldwater Arizona Chapter 16

The Chapter 16 officers wish to thank all of our members for assisting in the National Convention. Without your help it would not have been the big success it became.

Our annual meeting was held on December 5 at the Safari Resort in Scottsdale, in conjunction with the annual QCWA/SOWP luncheon meeting. Seventy people attended. President Gerry Higgins, W9INP presented plaques to the three remaining founders of the Chapter: Charles Blake, W7BP; Holland "Dutch" Day, W7HTY; and Leon "Lee" Faber, W7EH. Lee was the only one able to be present and receive his plaque; the other two were delivered during the week. Plaques were given in honor of the 30 years of service these founders have given to our Chapter.

New officers for 1993-94 were installed: President, Gerry Higgins, W9INP; Vice President, Ray Porter, K7AA; and Secretary/Treasurer, Cliff Bruce, W7ER.

On January 16 our winter meeting was held in Sun City, AZ with 40 people attending at the Crestview Restaurant. After the lunch, Clem Chase, W7JGU presented a slide show with narration on the unusual sights found in Utah.

Our next lunch meeting will be in April in the Prescott area. The Prescott group has been holding lunch meetings the first Tuesday of each month with about 25 to 40 attending. The latest one was held January 12 at the Pass Steakhouse in Dewey, AZ.

Cliff Bruce, W7ER
8720 Jackrabbit Rd, Scottsdale AZ 85250

Suncoast Chapter 53

Suncoast Chapter 53 held their regular monthly meeting at the House of Chong in Sarasota on November 5. President Art Miligan, W8KW reported on the QCWA Annual Meeting. All living QCWA Charter members will be invited to the Convention in St. Petersburg next year. Eight plan to be there, and one of those is our member Frank Lester, W4AMJ, QCWA #13. Frank was first licensed in 1924.

At our December 3 meeting, President Art Miligan, W8KW reported that currently more are joining QCWA than are lost by SKs; this has not been the case in the past.

Sixty-one members and guests attended our first 1993 meeting on January 7. Wes and Blanche Randles were among them. One Silent Key—Leigh Blakslee, W4BGR—was reported. A few days after the meeting we learned of another Silent Key—Win Ramsdell, W1FBJ.

Wes Randles, W4COW talked about the QCWA Education Fund. This year, QCWA awarded nine scholarships of \$800.00 each, using only interest income from the fund. Blanche Randles, W4GXZ reported on her work in furnishing the QCWA Journal on tapes for blind members. Frank Schwab, W8OK then gave an interesting slide presentation on his DXpedition to St. Lucie.

Bob Bookwalter, W4NWF
728 Valencia Rd, Venice FL 34285-2141

PRESIDENT'S NOTES . . .

For our many members, including myself, who have seen the major changes in Amateur Radio over the decades, it may be easy to become rather complacent about our marvelous world of communications. However, can you imagine a ham of the 1920s awakening from a long sleep—such as Rip Van Winkle experienced—and then seeing all of the radio gear of the '90s?

Gone are the arc and spark, but we still cling to our traditional values of Amateur Radio as a service to mankind. Gone are the super-regen receivers and the crystal controlled transmitters, but we still have the desire to soar to maximum heights with our modern radio equipment.

No, we don't invent as much. The job of inventing has been taken over by the giants of the electronics industry and their well-equipped and funded laboratories. However, and this is extremely important . . . we are *innovators*.

Give a ham a new piece of equipment and he is immediately thinking of ways to modify it for still greater performance. Give a ham a rig featuring micro-miniaturization and he's trying to make it still smaller!

Maximizing the performance of our Ham stations is one of the most fascinating projects of today. Make the antennas bigger and put them higher in the sky. Make our receivers perform in the interference environment which all of us experience on the busy bands we encounter on a regular basis. Hone our operating skills by adding computer logging and computer control.

In all the above, I hear voices calling to me—saying, "Harry, is this *Ham radio*?" Yes, fellows and gals . . . it is, truly, the Amateur Radio of the '90s. I know . . . it's tough to understand someone employing the "crutch" of a computer-controlled rig. Where's the fun?

You tell me, "Harry, get with it!"

I'm not there yet, but many of my local ham friends are urging me to "get with it!" After all, they say, you are using your computer to do all that QCWA writing instead of the old "hunt and peck" typewriter (or "mill" as we old Navy communicators called them.) And, you know what . . . they're right!

I've been using my own personal computer for a half dozen years and it serves me well. I began with an old 8088 and have since graduated to a 386SX a year and a half ago. My old 8088 had big storage . . . all of 20 MB and this new machine has 80 MB. However, my son gave me a Hard Card of 105 MB additional this past Christmas because I was fast running out of space with a callbook, the map displays, and an OSCAR tracking program.

He's one of our kids in the QCWA, brought up on computers with his own 486SX, megabyte after megabyte of storage, a scanner, laser printer and CD ROM. Dad is still trotting along trying to catch up!

Yes, I said earlier that we Radio Amateurs are innovators. We are learning to use all of the tools available to make our Ham Radio more and more exciting. At the same time, we are using the time-saving devices so that we can devote more time to other interests which hopefully include family, friends and our job.

Be proud of your progress

I sincerely hope you are as proud as I am about the tremendous progress Amateur Radio has made. I hope that you accept the changes as the inevitable evolutionary cycle which science always is revealing to us.

It's easy to say, "That's not the real Ham Radio!" However, always ask a follow-up question: "What *is* Ham Radio?"

The pioneers in the communications world have always been looking for new horizons. They have never been satisfied with a *status quo* attitude. It is doubtful that you would find any of those pioneers saying, "That's not the real Ham Radio!"

You can bet that those members of our history if they awakened as did ol' Rip Van Winkle would be proud to see the torch of their earlier work being carried so ably by those innovators of today!

73, Harry J. Dannals, W2HD

A Special Note on Elections

At the October Board Meeting, the Board approved a Nominating Committee selected by the President. This committee will be selecting the entire slate . . . all four officers and ten directors . . . to seek office in 1994. This is a "first" in the history of our organization and results from the money-conserving, every-other-year election procedure adopted by the Board two years ago.

Members of the Nominating Committee are:

Bill Thompson, W2MTA (Chairman)
Leland Smith, Jr, W4YE
Herb Gleed, W6FQ
Jack Goldfarb, W8WGO
Mac McAllister, W0CW

If you are interested in serving QCWA as an officer or director and wish to become a candidate on the 1994 slate, please contact the committee. If you know of someone who has the desire—and is qualified—please contact the committee.

The Nominating Committee's goal is to have at least two qualified candidates for each office before their deadline closes on July 31, 1993. After that date, possible candidates must submit a petition signed by at least 25 members in good standing.

From the General Manager . . .

As I write this we have just begun the month of February, 1993 and I cannot help but wonder where the time has gone. There are so many things to do—so many telephone calls to answer—that time just flies.

For example, here's what we did at Headquarters in January:

New applications	67
Renewals	406
Pins sent out	51
QSL cards orders	15
Caps sold	9
Certificates	75
Decals sold	4
Emblems sold	3
Log stamps	5

This does not include the answering of correspondence and checking the returning Chapter report forms to be certain we have included all the members for a chapter. Just a whole lot of activities going on around Headquarters.

How to get new member names early . . .

The use of the BBS has increased and some secretaries have found that they can obtain names of new members in advance of the publication of the *QCWA Journal*. Each month we place a file in the Director's area which contains all the new member's names.

This is now in an ASCII format so any word processor can read the file. It is ZIPPED, so you will need to download from the Utilities area the ZIP program. This saves a lot of telephone time for you.

Since we do have a large number of members who are just now becoming acquainted with computers I am preparing a booklet which takes you, step by step, through using the BBS. It should be ready in a month or so, at which time we will announce its availability.

73, Jim Walsh, W7LVN

Lester Pulley, W4DH, Receives 80-Year QCWA Golden Certificate



Lester Pulley, W4DH has received his QCWA 80-Year Golden Certificate, plus an 83-year certificate from the OOTC. Lester was first licensed as "BM" in 1913, although he had been on the air using a spark coil and crystal set since 1909.

After high school he worked at Amrad Co., then for General Radio, assembling decade boxes. Later he wound resistor coils and worked in the calibration lab. He left General Radio to go to Submarine Signal Co. in Boston, attended MIT Tech School at night, and spent two months at sea as a Radio Officer.

Lester worked for Western Electric for 38 years, retiring 33 years ago. He's now 96 years young . . . still active on the air, and still repairing his tube-type radios. He received his present call in 1960 and is a member of Gator Chapter 32 of QCWA.

Those Who Have Served

Past Presidents

John DiBlasi, W2FX (SK)	1947-1964
Earl R. Thomas, W2MM (SK)	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981
Stuart Meyer, W2GHK	1982-1985
Leland Smith, W5KL	1986-1989

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955-1964
Gus Girona, W2JE (SK)	1965-1973
Ethel Smith, K4LMB	1974-1976
Ted Heithecker, W5EJ	1976-1991

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W4BK, W5EJ, and W2GHK Receive 1992 QCWA Distinguished Service Awards

Since none of the three recipients of QCWA 1992 Distinguished Service Awards were able attend the October Convention in Scottsdale, presentations were made later. Here are photos of Art Monsees, W4BK; Ted Heithecker, W5EJ; and Stuart Meyer, W2GHK receiving their awards . . .



Art Monsees, W4BK (above, right) receives Distinguished Service Award from Wes Randles, W4COW at Gator Chapter 32 meeting on November 7.



Stu Meyer, W2GHK (right, above) receives his QCWA Distinguished Service Award from Director Arch Doty, K8CFU. The award was presented at The Radio Club of America Anniversary Dinner, November 20, in New York City.

QCWA Building Fund Continues to Grow

The QCWA Building Fund reached \$16,765.00 on December 31, 1992.

The QCWA Building Fund was established by the QCWA Board of Directors for the purpose of accumulating funds for eventual use in providing a permanent home for QCWA Headquarters.

Although there are no immediate plans for locating and purchasing a permanent Headquarters facility, it is anticipated that the time will come when the need for and appropriateness of a permanent QCWA facility will be apparent.

In the meantime, every contribution to the Building Fund as well as interest earned each year is added to the invested principal. In time, there should

be sufficient monies available so that QCWA can purchase and own its own Headquarters property.

Individual QCWA members and QCWA Chapters are encouraged to continue contributing to the Building Fund. As with the Memorial Scholarship Fund, gifts to the Building Fund are IRS income-tax-deductible.

The QCWA Building and Memorial Scholarship Funds are not in competition with each other. Some individuals and Chapters give to *both* Funds in memory of Silent Keys . . . a thoughtful gesture and one to consider when making contributions to QCWA.

Leland Smith, W5KL

Chairman,

QCWA Building Fund Committee



Ted Heithecker, W5EJ (right, above) is about to receive his Distinguished Service Award from Gus Howard, W5KM at the November 7 meeting of Dallas Chapter.

St. Petersburg–Clearwater . . .



Vacation Playground

St. Petersburg and Clearwater are located between Tampa Bay and the Gulf of Mexico, with miles and miles of White Sandy Beaches. We are famous for our friendly people, recreation facilities, and—most of all—our fresh, succulent Seafood and superior Citrus Fruit of all varieties.

New and Different Entertainment and Tours

Intercoastal Waterway Tour

The Friday Tour is a two-hour cruise on the Intercoastal Waterway with many interesting sights. Includes your lunch and bus transportation to and from the boat.

Showboat Dinner Theatre

The highlight of Friday evening is the Showboat Dinner Theatre, located next to the Holiday Inn. The price includes your dinner and the stage show. The show is a musical, "Nonsense 2." You'll want to get your reservations in early for this. October 1 is the deadline for these tickets.

Saturday Tour

The Saturday Tour in the St. Petersburg area includes a tour of the Salvador Dali Museum, Shops on the famous Pier, Lunch at the Columbia Restaurant on the fourth floor of the Pier, a visit to the St. Petersburg Historical Museum, and your bus transportation.

Sunday Seafood Brunch

This Sunday Brunch is a new addition to the Convention schedule. Florida is so famous for its Seafood, we didn't want you to go home without a chance to Peel and Eat Shrimp, Crab Clusters, Oysters is not for you, this brunch will also include fresh vegetables. A perfect chance to say friends—and a perfect ending to a Florida



savor a few of these delicacies—including on the Half Shell . . . and more. If seafood two hot entrees, potato, rice, pasta, and "See you next year in El Paso" to all your Convention.

Make your reservations early . . .

More details in the Summer issue of *QCWA Journal*.

In the News

1993 QCWA Convention



St. Petersburg, Florida

Hosted by

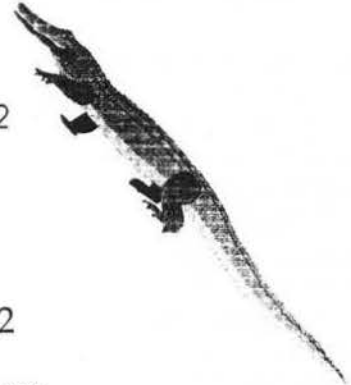
Pelican Chapter #128 and Gator Chapter #32

October 29 and 30, 1993

Holiday Inn

St. Petersburg-Clearwater Airport

3535 Ulmerton Road, Clearwater FL 34622



Seventy-six rooms reserved; cut-off date is October 13, 1993.

Be sure to mention QCWA for special rates—\$53.00 + tax. Phone (813) 577-9100 or 1-800-HOLIDAY.

(These rates are good one week before and one week following the convention.)

Special air fares via Delta Air Lines. Reference No. is S2241.

Airport to Holiday Inn transportation: call Holiday Inn, St. Petersburg-Clearwater Airport.



Name _____ Call _____

Spouse _____ Call _____

Street Address _____

City _____ State _____ Zip _____

Registration

Amount

QCWA Member	\$10.00	_____
Spouse or Guests	\$2.00	_____
(You must register to attend functions)		
Saturday Breakfast (Buffet)	\$11.50	_____
Saturday Banquet, Prime Rib Au Jus	\$23.00	_____
Saturday Banquet, Stuffed Grouper	\$20.00	_____
(Cocktail Hour, 6 to 7, Pool side)		
Sunday Seafood Brunch, 11:00 A.M.	\$20.00	_____
Includes large variety of fresh Florida Seafood		
(See opposite page for details)		
Friday Tour—Cruise Intercoastal Waterway	\$26.00	_____
Includes Lunch (Leave 10:30 A.M., Return 3:00 P.M.)		
Friday Evening—Showboat Dinner Theatre	\$26.00	_____
Play, Musical "Nonsense 2"		
Saturday Tour—St. Petersburg Area	\$25.00	_____
Includes Lunch. For details, see opposite page		
(Leaves 9:30 A.M., returns 4:00 P.M.)		

Total enclosed \$ _____

Make all checks payable to:

Mail to:

For more information:

Pelican Chapter #128, QCWA

Treasurer—Don Bice, W4PCO, 5511-18th Avenue North, St. Petersburg, FL 33710

Jan Strom, K9BSL, 233-34th Avenue North, St. Petersburg, FL 33704.

Telephone (813) 822-9107

"Dear Friends From the QCWA . . . Greetings From Montreal!"

Almost daily, Headquarters receives correspondence and phone inquiries asking about QCWA membership. One of the most interesting letters of 1992 was the following, from Yuri Dzyuba . . .

"Please send me more information on membership and a latest bulletin. I would like to join your Association because I was fascinated for years by a sticker on many a QSL from the USA.

"I got my Canadian license in 1989 as VE2XLT and now am very active on all bands, pending the DXCC from ARRL.

"I was first licensed in 1965 in my native city of Kharkov, Ukraine as SWL station UB5-45040. Two years later it was changed into UB5-077-5, according to the number of my oblast—077. I've sent thousands of QSL cards reporting to Ham stations around the world. I got many awards such as LACA (equivalent of DXCC for SWLs), Heard All 50 States, etc. Many American old-timers can find my SWL cards in their files. At the same time I was an active operator of the city's club station, UB5KBB, using only CW.

"When I reached the age of 18 in 1968 I got my new license for transmitting on the ham bands as UB5LT. Then my career in electronics was ruined by my arrest and five-year conviction on the grossly exaggerated charges of "anti-Soviet slander and subversive activity." Upon my release in 1978, I was put under close KGB supervision and could no longer operate on the air. My rig was confiscated.

"Before the collapse of the Soviet Union in 1989 I managed to escape to Canada and remain here under a



Minister's Permit. Now I enjoy my license, have a nice rig, and live with my small family—my wife and son, Stanley, born in Montreal last December."

*Yuri Dzyuba, VE2XLT
3150 Rosemont #15, Montreal, PQ,
Canada HIY-1M5*

QCWA Memorial Scholarship Fund Now Over \$100,000

As of December 31, 1992, the QCWA Memorial Scholarship Fund totalled \$100,039.00!

The Winter *QCWA Journal* announced nine radio amateurs who are receiving QCWA cash scholarship grants this year.

Next year, QCWA will be offering 14 grants—the most ever offered by our Association. These cash grants to quali-

fied radio amateurs pursuing college degrees are made possible by the continuing generosity of individual QCWA members, QCWA Chapters, and friends of Silent Keys.

All contributions are acknowledged

Contributions have been received for as little as one dollar . . . and for more than \$5,000.00. All contributions are acknowledged.

QCWA Chapters are encouraged to contribute to the Fund in memory of Silent Keys as they inevitably occur. Likewise, families and friends of deceased QCWA members often contribute to the Fund in memory of those who enjoyed amateur radio for so much of their lives.

Some members include a gift to the Fund in their estate planning . . . a great idea. Every cent contributed to the Fund is added to the principal. There is no administrative expense to the Fund for managing the program or for awarding the yearly scholarship grants.

And, of course, contributions to the Fund are IRS income-tax-deductible.

Be looking for worthy scholarship candidates

More QCWA member-sponsored applications for grants are needed. Availability of these QCWA grants should be more widely published, and all of us—At Large members and members associated with Chapters alike—should be thinking of worthy amateurs who may need financial assistance for college expenses in 1994.

Application forms for the grants for next year may be obtained now from Hugh Turnbull, W3ABC, Chairman, FAR Scholarship Committee, 6903 Rhode Island Avenue, College Park MD 20740.

*Leland Smith, W5KL
Chairman, QCWA Memorial
Scholarship Committee*

Fund Contributions Received by QCWA

Memorial Scholarship Fund and Building Fund donors whose contributions were received through February 15, 1993 are listed below. *Thank you, QCWA members and friends, for your generosity.*

Memorial Fund

Merrill & Barbara Frazer, *honoring K5QHF*

W8KZL, *honoring K4ILX*

W6ISQ

Chapter 32, *honoring K4JF*

WA0RWS

Mr & Mrs Henning Anderson, *honoring K4QZ*

Mr & Mrs Don Bice, W4PCO

Mr & Mrs Harry Bloechle, K4WP

Hilda Borgle

Mr & Mrs John Doub, Jr

Mr & Mrs Hal Fox, W3AA and WA3YJR

Mr & Mrs Nicholas Gammal

Mrs Kathryn Iversen

Mr & Mrs Walter Kratzer

Mr & Mrs Rex Matlack, W3CFC

Mr & Mrs Donald Rasgaitis

Mary D Rasgaitis

Mr & Mrs John V Smith, W4ACG

Mr & Mrs Jay Strom, K9BSL

Mr & Mrs Bertran Van Horn N2XJ

W6MFP, *honoring W6OSL*

Chapter 79, *honoring W0YVI*

Chapter 16

Chapter 152, *honoring K9LKA*

Chapter 53, *honoring W4BGR, W1FBJ*

Chapter 32, *honoring K4OC*

Dorothy Berlyn, *honoring K4JF*

Chapter 63, *honoring W5UGA*

Chapter 150

Chapter 169, *honoring WA6UNL, WD6BCL*

W5KL, *honoring W4KFC*

Building Fund

W5GT

W5KL, *honoring W4KFC*

We Need Activities and NCS Volunteers

If you're interested in serving QCWA as **Activities Manager** or taking a turn as **Net Control** of the Sunday afternoon SSB net on 14347 kHz, please call or drop a line to Headquarters.

Our Activities Manager is responsible for planning and conducting two QSO Parties each year—and a good, strong signal is necessary for a NCS.

Hamming from Retirement Complexes . . . Florida Style

Recently I came to feel that living in a house—with all the necessary cooking, grocery shopping, housework, and even paying household bills with as many as 15 checks each month—was beginning to be too much of a burden. I thought that living in a retirement community might be right for me. Yet being a dyed-in-the-wool ham, I could not under any circumstances give up amateur radio if I were to move.

I checked several high-rise retirement centers in the St. Petersburg area, and discovered that *not one of them objected* to amateur radio or to the installation of antennas on the rooftop. Several complexes even offered to

provide assistance in putting up my antennas.

The only real drawback at most of these places was that the management would not agree to installing a separate 240 VAC outlet. That has not presented a problem as my amplifier works well with 120 volts, provided it's not loaded much above 750 watts input.



Ruth Monsees, N4WQN, YF of W4BK

My first venture into this style of living was at the top of a 21-story building. Before any other negotiations, I drew up an addendum to the lease contract, as follows: "*Lessor authorizes lessee to install and maintain two vertical and one triband antennas on the roof and to have access to the roof whenever required to perform maintenance on these antennas.*"

Admittedly, living in a retirement complex is not for everyone. A few people consider this style of living confining and regimented. A retirement community, however, could well be in your future. I say . . . "Don't knock it until you've tried it!"

Art Monsees, W4BK

Last Call: Awards Nominations

March 1 was the deadline to submit nominations for QCWA Honor Awards (details in *QCWA Journal*, Fall, 1992, page 107). These awards will be granted at the Board of Directors Spring meeting, April 16, 1993.

If you have a nomination for 1993 QCWA Honor Awards, please contact John Kelleher, W4ZC. You'll find his address on page 3 of this *Journal*.

AMSAT-NA Space Symposium

In October, 1992, the Washington, DC AMSAT Group hosted the AMSAT-NA Annual Meeting and Space Symposium at Intelsat Headquarters in Bethesda, MD.

Friday afternoon a full schedule of satellite papers were presented along with an ARRL Amateur Radio in Education Seminar. Rosalie White, WA1STO, of the ARRL chaired the Education Seminar. Friday evening I had the good fortune to be invited to the home of Martha and John Shew. Martha is AMSAT's only paid employee and manages the AMSAT office in Silver Spring, MD. John is N4QQ and along with many other amateur radio activities, is the net control for the AMSAT 17 Meter Net that meets each Sunday evening at 2300 UTC on 18.155 MHz.

Saturday was the usual full day schedule of papers on all facets of the Amateur Radio Satellite Program. Subjects ranged from technical descriptions of the Phase IIID Project to operational facets of the many satellites currently in orbit. In the early afternoon, we were able to keep a schedule via AMSAT OSCAR 13 with the first AMSAT-OZ Space Symposium in Copenhagen, Denmark. Both groups, AMSAT-NA and AMSAT-OZ, had working satellite stations set up at their respective meetings for demonstration purposes. What a way to show first time satellite operators the utility of Amateur Radio Satellites.

After an excellent dinner, we were entertained by Astronaut Ron Parise, WA4SIR, with the best program about the Space Shuttle and SAREX that I have attended. The evening was closed out with awards and prizes. Jan King, W3GEY, was honored for his many years of dedicated service as AMSAT Vice President of Engineering during a truly unique presentation by Dick Daniels, W4PUJ.

If you possibly can, plan to attend one of these annual meetings or the AMSAT-

UK Space Colloquium. The next AMSAT-NA Space Symposium is set for 8-10 October, 1993 in Arlington, TX. More details to follow.

Phase IIID

As reported in earlier issues of QCWA Journal, the PHASE IIID project is well underway. Full reports were given at the 1992 AMSAT-UK and AMSAT-NA meetings and a full set of structural drawings had been completed by Dick Jansson, WD4FAB. Everything was proceeding "full steam ahead." Shortly after the AMSAT-NA meeting, the European Space Agency, ESA, announced that they did not have a customer to ride on the adapter that we had been designing into the structure of our satellite. This came as quite a shock; however, Dr. Karl Meinzer, DJ4ZC, and Dick Jansson met with ESA over the next two or three months and ironed out details of a new adapter interface and launch philosophy for the PHASE IIID satellite.

The new design is simpler and offers several advantages over the old design. A lot of work and some material had to be scrapped due to this change of direction; however, we are going "full steam ahead" again with the new concept. Another International Phase IIID Meeting will be held in late February, 1993, in Orlando, FL.

Open up your hearts and your pockets for this worthwhile project for the next several years. It looks like the Amateur Radio Operators of the world will have to provide the "Lion's Share" of the support for PHASE IIID. Thus far, we have been unsuccessful finding any "deep pockets" support from industry, government, foundations, or wealthy individuals.

RS-12/13

Since my last column, two of my QCWA friends have started operating on this "Easy Bird." Jack Dye, W5TPU, Secretary-Treasurer of Chapter 72, Fort Worth, TX, came to me after a meeting and wanted a schedule of the passes for this "Bird." I obliged and within a

couple of weeks, Jack had worked 22 stations via RS-12 using only his HF rig and tribander. Jack is now "hooked" and is planning ways to get on some of the other "Birds."

Bill Hulse, W5NI, of Lee's Summit, MO, was introduced to RS-12 during my annual visit to his QTH at Christmas time and is now active on RS-12 with two separate HF rigs, a ten meter vertical, and a multiband dipole. Join in the fun on this unique "Bird."

Shuttle Amateur Radio Experiment (SAREX)

This will be a "Frequent Flyer" year for the Shuttle and SAREX. Three back to back SAREX missions are planned for the first half of the year. STS-55 is currently scheduled for early March, STS-56 is scheduled for late March, and STS-57 is scheduled for late April. Two of these missions are low inclination orbits, STS-55 and STS-57. STS-56 is a high inclination orbit and will therefore have much better coverage for the high latitude cities in North America and Europe. STS-55 will have an outside antenna mounted on the German Spacelab which will be compared to the standard Shuttle "window mount" antenna.

All of these missions will feature school contacts as well as packet and voice contacts with the general amateur radio population. Check the AMSAT nets and the AMSAT News Service Bulletins on Packet Radio for late information.

In summary . . .

This year will be another busy year for the "Birds." The French ARSENE satellite is scheduled for launch in late April followed by two more Microsats later in the year. One of these is from the University of Mexico and the other from AMSAT-Italy. This is also the year that PHASE IIID has to start coming off of the drawing board and into real hardware.

73, Keith D. Pugh, W5IU
VP of Operations, AMSAT-NA

"The Way We Were"

The Voice of XAFQ . . .

DXing from the Trieste Free Territory

After WW II, during which I fought as a Paratrooper of the 82nd Airborne Division in Europe, both Italy and Yugoslavia claimed a small area along their common border at the northeastern corner of the Adriatic Sea. Included were Trieste, a large port city and a stop on the famous Paris-Istanbul (formerly Constantinople) Orient Express; and a smaller fortified port city further south, Pula.

This area was divided, similarly to Berlin, into US/ British and Yugoslavian Zones. After reenlisting in 1945 I returned to Germany, and 33 days after I returned, about 1,500 of us combat veterans were ordered to the 88th Infantry Division in Trieste, which had been declared a Free Territory—not a part of any existing nation. There was some terrorist activity there—grenades tossed into restaurants, etc.—but this is about Amateur Radio and extremely rare DX, not politics . . .

First ever callsigns without numbers

In 1947 the U.S. Army authorized Amateur Radio Stations in various occupied overseas territories. Thus XAFQ and three other ham stations in the Trieste Free Territory were born.

Station licenses were issued to Signal Officers, and all interested military radio operators were allowed to operate the stations in the ham bands during their off-duty hours. Callsigns were issued with the prefix XA, but lacking any numbers—a first in Amateur Radio.

I was Chief Operator of XAFQ, one of only four military ham stations in the Free Territory. The station was located on a high bluff overlooking the Adriatic Sea to the west, near Opicina, a small suburb of Trieste. It was a great radio location.

Our equipment was military, of course, but hardly of a quality any Stateside ham would allow in his shack. The receiver was reasonably good—a BC-342 "boat anchor" which covered 1.5 to 19 MHz in six bands. We all wanted to talk with hams in the US, so 20 meters was the band of choice. The receiver top band covered 14-18 MHz . . . so far, so good.

The transmitter was a different story. All we had was a BC-191, a 12-volt version of the Air Corps BC-375 which required 28 volts. Enormous plug-in units containing switching and tuned circuits were manufactured to cover only up to 12.5 MHz. Could we modify a tuning unit—removing a couple turns from both coils—to enable

the transmitter to operate on 20 meters? No way! This would be "destruction of Government Property," a courts martial offense. So—we carefully shorted out two turns on each coil. *Voila!* It now could be tuned up on 20 meters. We were nearly in business.

The BC-191/375 was a MOPA transmitter with a type 211 Master Oscillator (VFO) directly driving a 211 Power Amplifier. It also included AM capability with a type 10 AF preamp driving a push-pull pair of 211 tubes as a Class B high-level plate modulator. The 211 tubes all were operated with 1000 volts on the plates! Operating voltages were supplied by either a dynamotor or a vibrator supply.

The type 211 tube is about the size of a glass quart milk bottle—remember those? It has a carbon plate about the size of a box of safety matches and is rated for 50 watts plate dissipation.

Both 211 oscillator and power amplifier were keyed through a relay. The signal drifted badly as one might expect, operating a VFO with 1000 volts on the plates, shorted turns in the tuned circuit, and driving the power amplifier on the same frequency (which was higher than the transmitter was rated for).

There was often a nasty chirp as well as clicks on the keyed signal. This was not what we would have preferred—rather it was what we had to use. It did, though, allow XAFQ to get on 20 meter CW with possibly as much as 50 watts of RF.

The antenna at XAFQ was a single-wire off-center-fed Windom cut to formula for the low end of 20 meters. We erected it about 30 feet high, then tuned the transmitter and loaded the antenna to see if it would work. It seemed to . . . now to see if we could contact anyone in the States.

First QSO . . . 14.128 MHz

I tuned the receiver around the low end of 20 meters. There was a lot of activity, US hams working DX and DX working DX stations. I looked for a hole that wasn't occupied, and actually found one at 14.128 MHz.

Carefully I peaked the final and antenna tuning and put out a 3 x 3 call, "CQ W de XAFQ," then tuned around my frequency for a possible reply. Nothing! Was I getting out? I checked dials and meters. Yes, the transmitter was working and was on my frequency.

I pulled an arc off the antenna post with a pencil. RF was getting to the antenna. I called "CQ W" again, several times, carefully listening for a Stateside ham to come back to me.

Finally I heard someone calling me. His signal was all alone in a totally quiet 5 kHz wide spot, centered on my frequency of 14.128. I do not recall his callsign, but I hope he reads this and knows I shall never forget the thrill of that first Stateside QSO!

We exchanged signal reports, names, and QTHs. Then

"The Way We Were"

he queried the legality of XAFQ operating in the ham bands. Was XAFQ a bootlegger? There had never been a ham callsign lacking a number in the call. I assured him that XAFQ was legitimately operating as an Army-licensed Amateur Radio Station in the Free Territory of Trieste.

We signed off and I called CQ again. Another US ham, also sounding suspicious but obviously eager to add to his DXCC total, just in case. The QSO was short. I had wanted to ragchew, of course, but other stations began to call XAFQ.

Stations lined up, taking their turns

I worked well over a hundred Stateside stations that day, all short QSOs, all anxious for a QSL, all politely declining to ragchew, saying that other hams were waiting to contact this new country.

There was no pile-up. They seemed to have lined up, taking their turns, exchanging QSO information and receiving the desired reply to each "QSL?." Finally, tired of wiggling the Vibroplex, I turned operation over to one of the other operators and began to fill out QSL cards from my log.

The Army supplied colorful QSL cards for each station and also gave us current Callbooks. Each operator was responsible for the cost of postage (\$.06 Airmail) and for placing his outgoing QSLs in the mail. It was a chore that we all enjoyed, and it paid off in more contacts later.

I discovered that XAFQ and XAMQ were the only stations sending out QSLs to anxious DXers, and this made us extremely popular with the DX fraternity.

I should point out that while none of the operators at XAFQ had FCC licenses, we were authorized to operate the station legally, and all of us were experienced, highly qualified military radio operators. In fact, I did not receive my General Class (then called Class B) license (W5PVF) until 1949.

Not having had any experience on the ham bands, we accepted as normal the courtesy of the hams we had QSOs with, not all trying to call at the same time, never tail-ending a QSO, and never QRMing each other. It made operation a very pleasant experience.

Although there was still some suspicion regarding the legitimacy of XAFQ and the other three stations there, this was dispelled within a few days as our QSL cards began arriving in the States. The word soon got around. *QST* picked up on the new country, added it to the DXCC list, and told their readers where to find us: 14.128 MHz.

It may sound strange to younger hams today, but each day when we fired up the rig there was 5 kHz of dead air centered on 14.128, and that was where we operated. No signals appeared at that spot until we tuned up and called our first—and only—CQ each day, but there must

have been hundreds of ears straining to hear our chirpy signal come to life. In fact, never thereafter did we have to touch the receiver tuning. Everyone knew where we would appear, and everyone knew where we would be listening.

I felt sorry for the problems DXers had in copying our signals. They had to follow our drifting, chirpy CW as it wandered around, yet they never complained. Signal reports we received were probably accurate—we never did receive a 599X report!

While a few reports mentioned our chirp, no one even mentioned frequency drift. I assume that a number of hams we worked had been military operators and were familiar with the BC-191 and its instability. I like to think they were being courteous, not that they feared that if they "told it like it was" we'd be insulted and shut down, or—much worse—refuse to part with that valued QSL.

"CQ Keystone ARC"

One of the most unusual string of QSOs I had was one day when I went back to a Pennsylvania ham. He mentioned he was a member of the Keystone Amateur Radio Club and asked me to stand by for another club member, which I did. And did. And did . . . and did!

I'm almost certain I worked, and QSLed, every Keystone club member who could get to his rig that day one after the other!

I missed not being able to ragchew with the stateside stations, as did the other operators, but over time we were informed of the protocol of DX operation and the extreme importance to DXers of the new country QSL.

Of course, we did not always work only Stateside stations. If a foreign ham called us, we enjoyed the contact and exchanging cards. Although most of my contacts over the year or more I operated XAFQ were with US hams, when I came back to the States in September 1948 I had well over 100 DX QSLs as well as hundreds of Stateside cards.

I no longer have those QSLs and I never applied for DXCC; XAFQ was not licensed to me but to the Army. I'm an old-timer now at 70, still a ragchewer (but mostly on SSB). I still work DX occasionally but I never became a DX hound.

Having been rare DX for nearly two years I know what it was like; and having tuned the DX bands more recently I know what being rare—or even ordinary—DX is like today. Perhaps if DXers were as polite to DX operators as they were in the late 1940s, I might have become a DXer myself.

*J. Frank Brumbaugh, KB4ZGC
1812 Marilyn Ave, Bradenton FL 34207-4743*

The Wireless Exchange

The Wireless Exchange is now hosted by:

J. Douglas Hensley, WJ5J
5054 Holloway Avenue
Baton Rouge LA 70808

Please send your items directly to Doug.

Guidelines for Exchange use are:

- (1) List your antique or vintage needs and wants clearly and simply.
- (2) List what you will accept in trade.
- (3) List your asking price if no trade is possible.

(4) If you advertise, hold the merchandise long enough for members to receive their *Journal* and read the Exchange column.

(5) Answer all inquiries.

There is no cost to QCWA members.

Restoring National SW-3: Need Audio coupler, coils, or coil forms. Also still looking for Taylor TW-75 and TW-150 tubes. Richard Bauer, K5RB, 563 Hambrick Road, Dallas, Texas 75218, (214)-348-3378.

Wanted: in good condition, a copy of *Vacuum Tube Fundamentals* by A.V. Eastman, 2nd Edition, published by McGraw-Hill in 1941. Bill Miller, K2GCE, 217 Porterfield Place, Freeport, New York 11520.

Wanted for my collection of *ARRL Handbooks*: 1st, 5th, and 16th editions. Bob Schafer, WA7IHN, P.O. Box 442, Aumsville, Oregon 97325, (503)-749-1149 evenings.

Want to purchase or borrow: *Amateur Radio Antennae Handbook* by Harvey Hooton (Howard Sams, Inc. pub., AMA-1). Mike Kovar, W2ZN, 24407 S. Ribbonwood Drive, Sun Lakes, Arizona 85248-7749.

For Sale: Lafayette 2 & 6 Meter VFO, Model HE-89, with manual, \$15.00. Roy Kramer, W3ZIF, 740 S. Carldon Street, Allentown, Pennsylvania 18103. (215) 797-9406.

Sell/Trade: HAL CWR-6850 with KB-6850 and printer cable, HAL ARQ-1000 Error Correction Terminal set up for use with the CWR 6850. All extra nice condition and have manuals and cables. Sell the pair for \$500, or trade for ICOM 730 xcvr or Mirage 160 watt amp with Astron PS-50M. Warren Snyder, K16LE, P.O. Box 676, Milan, Tennessee, 38358. (901)-686-7126.

Wanted: Bug sold as the "Improved Vibroplex," manufactured by the A To Z Electric Novelty Co. David I. Combs, W5VJW, 2000 Victory Avenue, Wichita Falls, Texas 76301; (817) 767-0077.

Wanted: "Cootie Key". This is a side swiper type of key which, I'm sure some of you real old timers will remember. Have nice Vibroplex bugs for trade or will pay cash. Also want 1926 *Wireless Age* magazine; name your price. Parker, W1YG, 745 16th Avenue South, Naples, Florida 33940 or call (203) 434-7783.

Microphone Stand needed: for Astatic Microphone D-104. Details to Dogwood Chapter (QCWA #98), 4553 West 12th Avenue, Vancouver, B.C., Canada, V6R 2R4, Attn: Ernie Savage, VE7FB.

Wanted: Left hand operated Vibroplex bug. Bill Mills, KC5PF, 1740 Tonys Court, Amissville, Virginia 22002.

For Postage: Unused Stancor Driver transformer nr. A4292. QSO Leonard "Jack" Davis, KA8WNO; SR, Box 45A; Coalton, West Virginia 26257.

Wanted: 1930's and 1940's Radio Premiums, RCA 3" camera tube no. 1847, RCA Dynamic Demonstrator, vintage illuminated signs. Bill Ross, KY9M, 875 Gordon Terrace, Winnetka, Illinois 60093, (708) 441-6462.

Wanted: Desperate for Collins KWS-1 in good condition. Also looking for Hallicrafters SX-62A, S36A, and SX-111 receivers, HT32/33 xmitter/linear, late s/n Collins S-Line in excellent condition, plus *QST* and *Popular Electronics* collections. Gary Yantis, K0BHM, 7702 Mize Road, Shawnee, Kansas 66227, (913) 441-6593 or 1-(800)-844-9860 (days).

For Sale: Hallicrafters Super Defiant RCVR with original manual. Interested parties contact: Lee Toman, W3BIM, 1714 Country Lane, Quakertown, Pennsylvania 18951.

Wanted: Receiver model BC-348-J, N, or Q. Wendell Rushton, W4ZAA, 6964 S.W. 151 Street, Miami, Florida 33158. (305)-235-7876.

Wanted: I collect and display used ham call-letter license plates. Any year, any state. Can I add your used plate to my collection? Mike Ludkiewicz, W1DGJ, 143 Richmond Road, Ludlow, Massachusetts 01056.

For Sale: *QST*, *CQ*, and other radio magazines 1940 to 1990. Over 500 issues. \$350.00 or best offer. Buyer must pay all shipping costs. John Missall W8ZCR, 653 Dorsey Court, Dayton, Ohio 45459.

ARC-5 Knob Needed: Knob for ARC-5 receiver, ARC part #6743. Joe De Sousa, W10FK, 29 Whiting Street, Plymouth, Massachusetts 02360, (508) 746-6533.

Wanted: Collins 75S3, 51S1, 75A1, KWM2, Knight Kits, "Ocean Hopper", etc., National NHU, NC-400, HRO-500, HRO-600, Hallicrafters SX-115, SX-88, SX-73, Johnson 500. Steve Barnes, K6PFW, 848 North Silverwood, Upland, California 91786 or call: 714-985-1062.

For Sale: Hallicrafters SX-130 Receiver, 0.54 to 30 MHz, general coverage. Bandsread amateur 80, 40, 20, 15 and 10 meters. Very clean, no scratches, good working order. \$100.00. Jack Kennedy, W5DJ, 5739 Lindenshire Lane, Dallas, Texas 75230, or call (214) 661-2503.

For Trade: Rare Multi-Products Co. (Hazel Park,

Mich.) Model A54H portable transmitter w/ homebrew supply, Hallicrafters S-120. Both in good condition, need cleaning & adjustment. Heath 0-7V 10A Lab series programmable supply.

Wanted: Good condition tube tester, Heath FM/db deviation meter, unwanted 12AX7s, 12AU7s, 5789s, etc., misc. 6-pin & 9-pin vacuum tubes, SX-115A, Heath Apache and Warrior. Contact Doug via *The Wireless Exchange*.

Members Seeking Manuals, Schematics, or Correspondence

QCWA Experimenter who uses homebrew SSB/CW equipment exclusively would like to exchange design ideas with other amateurs of like mind. Solid-State circuitry preferred. Clint Bowman, W9GLW, P.O. Box 282, Prospect Heights, Illinois 60070. [Ed.'s note: A ten page schematic of Clint's latest 20 meter QRP xcvr is available from him for those of you bold enough to venture where only builders have gone before!]

Wanted: Copy of manual and schematic for Utica 650 and V-650. Fred Wirth, KL7FAP, 638 Steele Creek Road, Fairbanks, Alaska 99712.

Need schematic: for Wilson 2mtr base station, model WE-800. Herb Sleeper, 4705 James Court, Wichita Falls, Texas 76308. (817) 692-5505.

Member wants to hear from: anyone who served as a radio operator on a military or civilian airplane in the 1930 to 1950 time period. Also, would like to correspond with anyone who went to school at Port Arthur College. QSO: Ron Thomas, W8QYR; P.O. Box 347115, Atlanta, Georgia 30334.

Service Manuals, Operating Data, and/or schematics needed for Heathkit solid state xcvr SB-104, Sigma RF-2000 swr/rf pwr meter, E.R.C. SL-65 (series 12) digital vswr/rf pwr meter, Siltronics FS-07 swr meter. Will compensate provider for assistance. Charles Wnukowski, W5ODR, 2326 Pinewood Drive, Biloxi, Mississippi 39531.

Manual Needed: for Hewlett Packard 5243L Electronic Counter. Will purchase or trade any of the following original (not copy) manuals to acquire it: *Operating & Svc. Manual* HP Mo. 654 Test oscillator; *Operating & Svc. Manual* HP 333A/334A Distortion Analyzer; *Instruction Manual* Boonton Modulation Meter, Model 82AD. Jack Kennedy, W5DJ, 5739 Lindenshire Lane, Dallas, Texas 75230, or call (214) 661-2503.

Silent Keys

HUBBARD, FRED A	KA1QY	11372	1992^	SWEENEY, JOHN P	K4QP	02023	1985^
STORY, ROBERT K	W1RS	20953	1992^	IVERSEN, REGINALD J	K4QZ	00149	1992
OBERT, ROBERT N	W1UWU	14441*	1992	CRUICIGER, ALFRED J	NE4R	11448	1992^
MC NAMARA, FRANCIS	K1VKT	22915	1992	MENK, ELMER, R	KA4SHX	17656	1992
BARNETT, CHARLES W	W1ZVC	22804	1992	GOKEY, ALBERT J	K4UE	06446	1992^
STERMEN, HERSCHELL L	WA2ANH	17943	1992^	SAUNDERS, DOROTHY C	W4UF	03501*	1992^
WIRSING, ELMER	W2AWF	00241	1993	OSER, S LEON	W4YTS	08819	1992^
O'NEIL, ROBERT T	K2AXE	11167	1992^	FRAZER, BURNETT MERRELL	W5ALL	08108	1992
PETTENGILL, JOSEPH H	N2BC	10757	1982^	WRIGHT, JOSEPH V	W5AQN	04834	1971^
ALLEN, LESTER H	W2CCO	00480	1992	ANDERSON, BUEHREN D	N5CUQ	24130	1992
WRIGHT, FRED	K2DER	20149	1992	PETTET, BILLY	W5GNI	10762	1992^
HINKLE, WARD J	W2FEU	01260	1982^	PERRON, HAYDEN KENNETH	W5JYM	24433	1992^
FISCHER, JEROME HAROLD	W2KXL	03750	1992^	CALVIN, CARROLL W	K5KMA	22151	1992
LIDELL, STEADMAN	W2MEI	07292*	1992^	WHITE, O RUDOLPH	WA5LDG	24844	1992^
WHITE, HAROLD R	W2MRG	03114	1992^	CONNER, ELZIE ANDREW	W5LDN	17759	1992^
METZ, JOHN F	K2MTU	20777	1992	HOBBS, EDWIN P	W5LPL	07634	1992
SCERRATO, ROBERT C	W2NCF	09559	1992	VAUGHAN, LOREN H	W5RV	07393	1990^
KAFFER, FRED C	W2PPS	00306	1992	STULLKEN, RALPH D	W5TVU	11462	1992^
SCHWADRON, ABRAHAM	WB2RGQ	23008	1992^	POST, FRED T	K5VKO	05997	1992
WRIGHT, RUSSELL GRANT	W2RLO	09195	1992^	WEST, WILBUR H	W5YPL	09752	1979^
COPLEY, DUNCAN M	W2RME	03455	1992^	MC TERNAN, GERALD JOHN	W5YV	00581	1992
JANOWSKY, RALPH L	W2RPO	10529*	1992	KREISS, RUDOLPH L	W6AHG	02476*	1985^
BURESCH, WILLIAM A	W3ADB	07662	1992^	GAMACHE, HENRY E	KH6AIN	03970*	1992^
NEILLY, VIRGIL E	K3CA	05321	1985^	BAKER, JACK G	K6APE	12723	1992^
MOORE, CARL H	NJ3D	20581	1992	DAVITT, DANIEL J	N6CGB	13944*	1992
FRIEL, FRED J JR	W3FU	05002*	1992	WAKEFIELD, JAMES FRANKLIN	AH6CO	03687	1985^
RIMER, WILBUR A	W3IE	04821*	1992	SIMPSON, MORRIS D	W6CRD	06652	1992
NOCKS, ARNOLD J	K3INV	06486	1992^	MABLEY, LAWRENCE H	WB6DCG	11475	1992^
MELHUIH, ALVA RODNEY	W3KKY	03624	1992^	SCHULZE, RICHARD M	AA6DL	25487	1992
MC CALLUM, FERDINAND A	KB3NS	11961	1992^	LA FANTASIE, FRANCIS P	W6DLX	03133	1986^
HOLTZAPPLE, CLAIR E	W3QFM	23604	1992	SCHWARTZ, ERWIN V	W6DMB	01184	1992^
ARMEN, JOSEPH W	W3TTV	09558	1992^	BRYANT, EVERETT E	W6EYR	06491	1992
PFEIL, KARL WILLIAM	W3VA	04462	1992^	HANEY, PAUL T	W6IHD	02658	1985^
MC CLAIN, ROBERT C	W3WCU	22555	1991	GOLDSTICK, HARRY	WA6JTM	18359	1992^
DE WITT, RICHARD HALL	W3WD	06600	1982^	GARDNER, LYLE B	N6LB	12899	1992
STRUCHKO, ELMER RICHARD	K4AVP	15221	1992	ESKRIDGE, DWAYNE L	W6LKE	02841*	1992
SOEHL, CATHERINE H	W4BAV	12669	1992	OLSON, GEORGE L	W6NKD	03319	1992
HUDGINS, JOHN WILLIS	W4BXD	10618	1992^	VAN LIEW, SAMUEL C	W6NL	04643	1985^
WARDREP, ARTHUR J	W4CGW	13638	1992	BAYLEY, THOMAS ARTHUR	W6NQJ	02697*	1992
GRUNBOK, JOHN E JR	W4DLT	09917	1992	MORRISON, L HELEN	W6OSL	08262*	1992
FENNING, GEORGE	WD4FNX	17627	1992^	STONIER, WERNER J	WA6PEX	19405	1992
CHILDERS, AUBREY A	W4FPO	00695	1992	PIERCE, CAMERON G	K6RU	03360	1985^
BRANCH, JAMES S	W4FWO	11810	1992	LA GRONE, ROBERT E	WX6S	23448	1992^
LAUVER, MURL H	W4HBU	08418	1992	NAYLOR, PAUL J	W6SIW	05216*	1992
JOHNSON, WILLIAM J	W4HOJ	07139	1992^	LIPPMAN, WILLIAM A JR	W6SN	15803	1992^
MC IVER, WILBUR L JR	W4HQ	14546	1992^	KING, ROBERT M	WA6UNL	22395	1992
APPLE, ALLEN E	K4ILX	05488	1992	POOLE, ANDREW L	K6VJ	07844	1992^
KUSLUCH, ELMER T	K4IZT	21277	1992^	WILLIAMS, PAUL	W6WEQ	02651	1985^
PARKER, ERLE D JR	K4JF	00187	1992	SPEED, THOMAS J III	K6WI	11240	1992^
COOKE, GEORGE V	W4LEP	07938	1992^	WHEELER, JAMES W	WA6YFV	10405	1992^
SCHWACH, ERNEST F	W4LM	00955	1979^	WILCOX, KENNETH E	W7ADJ	01762	1979^
WILSON, THOMAS JEFFERSON	N4LXA	18960	1992	WILLIAMSON, ALBERT K	W7AFO	07750	1992
HEIDT, JACK	W4MW	00035*	1984^	MOORMANN, GIRARD J	K7AIL	06249	1992
DUNN, EDWARD W	W4NZW	16923	1991	STACY, EARL E	K7BD	08617	1992^
LURIE, ELI M	WB4OSX	16478	1992	DERKSEMA, MARTIN C	W7FZB	10237	1992^
PEARCE, JOHN M	WB4P	07057	1992^	STEKLY, RAY A	W7GRM	06763	1992^

Silent Keys

SHERMAN, NATHANIEL S	W7IDH	01132	1992^
GIRRES, RICHARD J	W7IDK	15932	1992^
STEWART, BENJAMIN D	W7KRP	01984*	1992^
CHRISTOPHERSON, ROY E	W7NJJ	03514	1992
THURSTON, ROBERT B	W7PGY	10609*	1992
KADIS, MILTON	W8AUM	24625	1992
BENJAMIN, WILLIAM DONALD	N8BC	14780	1992
KINSEY, GEORGE M	W8BEK	04725	1992^
WHITEMAN, GEORGE C	W8BKI	09456	1979^
HUGHES, BERNARD C	W8DPH	10914	1992^
BELUNAS, CHARLES J	K8EGL	22121	1992^
LIGHT, JOSEPHUS	W8ELO	20351	1992^
WOOD, CLAIR R	K8GAE	16897	1992^
MICHAELSON, BERNARD L	W8HCE	03144	1985^
SIDNELL, ROBERT G	W8KS	00456*	1992
BLANKENBURG, RAYMOND A	K8VUK	19146	1992
KRIEGER, ARTHUR E	W8WHD	06047*	1992^
BRINN, JAMES M	W8YPE	16347	1992^
HENRY, WILLIAM J JR	W8ZXN	08733	1992
SOBB, HENRY A	W9CRN	04858	1992^
RALPH, VINCENT A	W9EGX	10799	1992^
PETERS, QUINTIN N	W9FAD	08874	1992^
HARRIS, LOWELL H	W9GL	13908	1992^
BAILEY, CHARLES E	W9HUX	19279	1992
BARTON, OWEN W	W9IW	07506	1992^
WINGER, GLEN	W9KXG	02482	1992^
CILLO, JOSEPH P	W9USK	12447	1992^
MACK, BERNHARDT C	W9YGG	15154	1992
CAIN, JAMES C	W0AGL	16678	1992^
PEAVLER, ROBERT J	W0BV	05059	1983^
HOLADAY, DONALD F	W0DR	06032*	1992
MESERVE, GEORGE DONALD	W0HG	01014*	1992
NIEMANN, BERNARD K	W0HXX	08595*	1992
FLYNN, GLENN	W0MHV	01825	1992^
CACCOMO, LAWRENCE F	W0NMN	10436	1992^
ZINN, CLYDE LOGAN	W0YVI	09344	1992
TOWNSEND, JOHN GALEN	W0YYV	10634	1992
MITCHELL, CLARENCE H	VO1AW	04122	1992^
GESSNER, MICHAEL	DL1EI	14531	1992
BURNET, ROBERT W	XE1FN	16077	1982^
MAC MILLAN, DONALD REID	VE1KA	05264	1979^
TAYLOR, WILLIAM A	VE3AN	10728	1991
HOVEY, BERTRAM N	VE3EW	09025*	1992
RUSS, ERICH	DJ6BW	20597*	1992
HERFURTH, KARL HEINZ	DJ6OI	21713	1992
SCAGEL, SAMUEL J	VE7IA	04533*	1992
MAHN, ERNST	DL9JZ	12794	1992
STOLZE, RUDOLF	DL9NJ	20011*	1992

Legend: Name, Call, QCWA #, Year member died
 * indicates Life Member
 ^ indicates date of death uncertain
 Please provide information, if you can.

Ted Heithecker, W5EJ

Gerald John McTernan, 2BL, W3BM, and W5YV, SK

A self-taught electrical/electronics technician, engineer, inventor, and QCWA member (#0581), Gerald John McTernan, W5YV died October 5, 1992 in El Paso, TX.

Jerry was a pioneer in the development of early radio and television technology for Bell Labs and Western Electric in Deal Beach, NJ in the 1920s, developing many patents in this field. He worked for Colpitts and Hartley along with Heisig, who developed the modulation systems we now use. A lifelong ham radio enthusiast, he received the call 2BL at the age of eight in 1914, and operated the station for Bell Labs. Jerry received his QCWA 75 year award in 1989.

At age 26, he embarked on an entertainment career as a self-taught musician, singer, and band leader, working at the famed winter resort of Pinehurst, NC and other locations along the Eastern Seaboard. In 1942 he returned to the radio industry and operated a thriving radio repair and appliance business in Ocean City for many years. During this period he received the call W3BM.

In 1961 he again became involved in electronics R&D as a research scientist at the invitation of Westinghouse Corporation in White Sands, NM. He retired from Westinghouse in 1971 to make his home in El Paso, TX. Jerry served as President of El Paso Chapter 64 from 1982-1990.

Robert J. Carroll, Sr., K5IE

Dr. Fred J. Friel, Jr., W3FU, SK

Radio scientist Dr. Fred J. Friel, Jr., (QCWA #5005) died on December 24, 1992 in Glen Burnie, MD at age 80. He graduated from the University of Kentucky in 1934 with degrees in Electrical and Mechanical Engineering. He also attended VPI, MIT, and Oxford, and received an honorary D.Sc. degree from the RCA Institutes. He taught electrical engineering at VPI and the University of Virginia.

From 1934-40, Friel was a radio engineer with RCA working with many of the early radio and television pioneers in developing broadcasting and communications receivers and transmitters. He worked for the US Navy in 1940-54 as Chief Engineer of the Underwater Sound Laboratory; Chief Engineer of the Radar Laboratory; and Engineer in Charge of the Underwater Explosions Research Group. He was Director of Instrumentation Engineering for atomic weapon experiments in the Pacific during 1945-54.

Friel worked in aerospace in the early days of America's space program as Coordinator of Field Operations on Project Vanguard for the Naval Research Laboratory, and later for the National Aeronautics and Space Administration (NASA) when NASA was created. His most notable professional achievements were negotiating, at the prime minister level, the establishment of United States space tracking stations in Peru, Ecuador, Chile, and Nigeria. For his work in Peru, the President of Peru awarded Friel the Aeronautical Medal of Merit in 1959.

An active ham for over 60 years, Friel was first licensed as 9EKM in 1928. Later calls included W9ACN, W4KRR, K3CYA, and W3FU. He also held special event call signs KZ3ITU and WX3ITU, plus a number of foreign call signs, including XQ8AG, 5N2ACB, and CE3AGI.

Jack Kelleher, W4ZC

New Members

11-2-92	25,558	Kilsheimer, Ralph	KB2DIS	New Rochelle, NY	Dick O'Brien	NJ2J
	25,559	Leon, Morris O	K8YGZ	Beverly Hills, FL	Philip E Grande	WA2BZE
11-3-92	25,560	Ostrove, Steven	WB2CZW	Elizabeth, NJ	-	-
	25,561	Power, Donald E	K0TNP	Harlington, TX	-	-
	25,562	Ricicki, Stella	WB2YOP	Hackettstown, NJ	-	-
	25,563	Kagawa, James K	W6VNN	Corvallis, OR	Fred Dickson	W7LBH
11-5-92	25,564	Cawley, Russell R	W4OHJ	Idaho Falls, ID	Keith Anderson	W7LQU
	25,565	Gowin, Russell M	N6QZV	Fountain Valley, CA	-	-
	25,566	Shenk, Roy L	K3IPI	Myerstown, PA	Elmer Frantz	W3FQS
11-9-92	25,567	O'Rear, Harry B	W4YDH	Waynesville, NC	-	-
	25,568	Swerdloff, Robert	N2KHH	Merrick, NY	-	-
	25,569	Ziegel, Arnold J	W2HDI	Briarcliff Manor, NY	Dick O'Brien	NJ2J
	25,270	Boe, Dennis W	AA7MN	Beaverton, OR	-	-
	25,271	Nemmers, Sylvester	W0MHC	Des Moines, IA	John Bylin	K0AAR
	25,272	Priest, J Leon	N4TFK	Radcliff, KY	Walt Brink	W3WPY
	25,273	Weaver, Richard S	W4JZC	Harrisonburg, VA	Harry J Dannals	W2HD
11-10-92	25,274	Golembiewski, Thos	WB2UFF	Sparta, NJ	Hammie Richardt	W2WIY
11-12-92	25,575	Overstreet, J S Jr	W7LFF	Moscow, ID	A Cutting	W7ENQ
	25,576	Todd, Doby D	AB5AP	Dallas, TX	Jerrie Stonier	K6INK
11-13-92	25,577	Nelson, Steven	WA1EYF	Wilbraham, MA	Yorke P Phillips	K1BXE
11-16-92	25,578	King, Marshall	N7PIP	Coupeville, WA	Harold Johnston	W7PN
11-17-92	25,579	Hall, James A	W4TVI	Boise, ID	-	-
-	25,580	Sims, Robert P	W8KBM	Talcott, WV	J E Tankersley	KB8JIB
11-18-92	25,581	Nichols, George B	NY4A	Knoxville, TN	J V Giesler Jr	W4TYU
11-19-92	25,582	Schenck, Ellis	WB6RFR	Bellflower, CA	Don S Grantha	WA6NLG
	25,583	Pamula, Thomas S	KA3MJN	Erie, PA	G Paul Gerbracht	W3QPP
11-20-92	25,584	Mulberg, Jerry	W1MJP	Riverdale, NY	Richard O'Brien	NJ2J
	25,585	Steele, Thomas S	AA0HQ	Arden Hills, MN	-	-
11-23-92	25,586	Colville, Wm T III	W3NMK	Williamsport, PA	-	-
	25,587	Frame, Richard	K6KYU	Woodland, CA	Paul Wolf	W6RLP
	25,588	Welker, David A	AA3BO	Sunbury, PA	-	-
11-25-92	25,589	Gagnon, Louis J Jr	W7LNX	Phoenix, AZ	-	-
11-30-92	25,590	Brand, Jack C	K0STF	Rapid City, SD	Frank Shaw	NU0F
	25,591	Brodeur, Leo H J	W1VNE	Ludlow, MA	George Hughes	W1ALL
	25,592	Choma, Richard A	N8JC	Morgantown, WV	-	-
	25,593	Rehbock, Jean L	WA1ZVQ	Bloomfield, CT	Ted Heithecker	W5EJ
	25,594	Sheller, John R	KNN8Z	Canal Winchester, OH	Dan Umberger	W8ZCQ
	25,595	Stultz, John E	AA8IS	Findlay, OH	-	-
	25,596	Ward, Douglas K	WA5SFY	Seabrook, TX	Pete Newell	KE5DQ
	25,597	Poehling, James C	NW0Q	Chesterfield, MO	David Dezhemendy	KA0PRW
12-1-92	25,598	Hilbish, Charles A	K3BSV	Harrisburg, PA	Irvin M Sanders	K3IUY
12-2-92	25,599	Kondrat, Mike	WB7DXA	Portland, OR	Michael Hurley	KG7BF
12-3-92	25,600	Dodd, Frank C	WA0SFI	Wichita, KS	Robert Hawk	K0YEH
	25,601	Ewing, Robert K	WA4GWG	Lincroft, NJ	Bob Buus	W2OD
12-4-92	25,602	Allen, Clinton C	W0XC	Durango, CO	-	-
	25,603	Vallette, Robert M	K6BT	Fallbrook, CA	Don Grantham	WA6NLG
	25,604	White, Steven N	WA3IAO	Warrington, PA	David L Heller	K3TX
12-7-92	25,605	Halm, Eugene J	K6JGX	Paradise, CA	James B Allen	KC7TY
	25,606	Hancock, Jesse T	W4PQK	Simpsonville, SC	Harry J Dannals	W2HD
	25,607	Brown, Richard S	KT6X	Concord, CA	Ron Luttringer	K6XC
	25,608	Norton, Robert J	KY2B	New York, NY	H F Milatz	W2TLC
12-9-92	25,609	Gulseth, Orville	W5PGG	Mena, AR	-	-
	25,610	Johnston, Allan R	VE6WJ	Big Valley, ALTA	Bruce Collisson	VE6BAC
	25,611	ZuHone, Kane L	WA2DAX	Highland Lakes, NJ	-	-
	25,612	Saal, Harry	W2THZ	Palo Alto, CA	-	-
12-10-92	25,613	Montague, Robert W	W3VAV	Washington, DC	-	-

New Members

12-11-92	25,614	Linnell, Paul M	WQ0M	West Fargo, ND	Keith Seaver	NJ0B
	25,615	Maricle, Theodore W	K7GJN	Everson, WA	James A Maricle	W7DQM
	25,616	Yurth, Gordon R	K7NFP	Clearfield, UT	Walt Brink	W3WPY
12-14-92	25,617	Annett, Clarence H	WA5SWN	Shawnee Mission, KS	Paul Grauer	W0FIR
	25,618	Fiore, Louis T	W2QFN	Orlando, FL	Norman Gertz	K1AA
	25,619	Smith, G Clifton	AB6JK	Wrightwood, CA	-	-
12-15-92	25,620	Low, Harold L	WA0OPD	Wichita, KS	Delton L Patterson	W0JCY
12-17-92	25,621	Greene, Jack H	KN4EF	Boca Raton, FL	Gerald Merblum	W2ORT
12-22-92	25,622	Hellebrand, George	W2FLN	Cliffside Park, NJ	-	-
12-28-92	25,623	Hatfield, Donald L	WD4JSX	West Palm Beach, FL	Forrest K Raynes	K4YPO
	25,624	Schmidt, Max	DL6ZB	Deggendorf, GER	G Jacoby	DL3ME
	25,625	Jaussaud, Albert A	K17W	Cody, Wy	-	-
	25,626	Sackman, Jules	N2PRQ	New Milford, NJ	-	-
1-1-93	25,627	Dzyuba, Yuri	VE2XLT	Montreal, QUE	-	-
	25,628	Hays, J Trenton	WB0HZL	Fort Collins, CO	-	-
	25,629	Heilman, Douglas Sr	WJ3W	Denver, PA	-	-
	25,630	Henning, George J	WB4JFA	Miami, FL	Arthur Rauch	W4VZ
	25,631	Liebenrood, John D	K7RO	Portland, OR	-	-
	25,632	Mullen, Michael F	WB2GQW	Jamaica, NY	-	-
	25,633	Woodstock, John R	NX4J	Lake Park, FL	Bob McDow	W4KOG
1-4-93	25,634	Corcoran, Nelson Jr	W4OZW	Great Falls, VA	Emerson Mehrling	W4NH
	25,635	Lanphere, Robert Jr	K5CHT	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,636	Sanders, W P	AC4GN	Lebanon, TN	-	-
	25,637	Lourigan, Thomas F	WA4RBM	Stone Mountain, GA	-	-
1-5-93	25,638	Brandon, David L	KG6FR	Berkeley, CA	-	-
1-7-93	25,639	Burns, Thomas M	AC4DY	Orlando, FL	-	-
	25,640	Sasek, Bernie J	W0YOY	Tucson, AZ	Clement K Chase	W7JGU
	25,641	Bennett, Sidney	WB2DXY	Chesterfield, MO	Theodore Bennett	WI2Z
	25,642	Wendt, Vernon K	K6RQL	Hemet, CA	-	-
1-12-93	25,643	Anders, Max	W6ALQ	Ennis, MT	Warren Snyder	KI6LE
	25,644	Bowman, Robert W	AA5VS	Norfolk, AR	John H Linberg	W9MXU
	25,645	Falloon, Virgil	WA0HWR	Lincoln, NE	E Miller	W0KVM
	25,646	Heicher, Chester K	WZ4I	Cape Coral, FL	Walter H Kozacko	K4NS
	25,647	Rea, James L	K5HSO	Albuquerque, NM	-	-
	25,648	Sapp, Robert L	WA0TSP	Creston, IA	Jack H Robinson	W0RJZ
	25,649	Sinsheimer, Warren	W2NRE	Scarsdale, NY	Richard S O'Brien	NJ2J
	25,650	Spandler, Josef	K3SZH	Harrisburg, PA	-	-
1-13-93	25,651	Nay, Calvin F	N8RNY	Parkersburg, WV	-	-
1-14-93	25,652	Ratchner, Craig A	K5RZW	Anchorage, AK	-	-
1-15-93	25,653	Grier, Dickie B	K5IPV	Canton, TX	Ray Hennington	W5IWE
	25,654	Stein, William A	KC6T	Northridge, CA	-	-
	25,655	Holck, Donald K	K5WJY	Albuquerque, NM	I A McLane	N5K VX
1-18-93	25,656	Cossman, Robert C	W7MBB	Phoenix, AZ	Gerry Higgins	W9INP
	25,657	Forehand, Gary A	N4HE	Miami, FL	Jasper W Forehand	WB4JHI
1-20-93	25,658	Bailey, William A	WB4ENN	Brunswick, GA	Ben Logan	W9MVB
	25,659	Householder, John Jr	WA3JPJ	Beaver, PA	Robert R McClain	W3VRZ
	25,660	Scott, Rodman E	W4DMZ	Brunswick, GA	Ben Logan	W9MVB
	25,661	Simpson, Frank R	VE1FY	Lakeland, FL	Jay Hitchcock	K8YGH
	25,662	Vose, Stephen J	K4EV	St Simons Is, GA	Ben Logan	W9MVB
	25,663	Yochelson, Saul B	WA6VEN	Northridge, CA	-	-
1-21-93	25,664	Peters, Joan E	KA4DPW	Longmont, CO	John Peters	K1ER
	25,665	Cornell, Curtis L	K5JJX	Clifton, VA	-	-
	25,666	Emory, Roy P	AC4VG	Greenville, SC	Carroll Smith	WA4WYE
	25,667	Post, Earle S	WA6ITG	Quartz Hill, CA	Don Grantham	WA6NLG
1-25-93	25,668	Calhoon, Edward Sr	W3DEQ	Arnold, MD	Jerry Gavin	NU3D
	25,669	Couch, Chuck	WA0LCK	Lincoln City, OR	-	-

New Members

	25,670	Eubanks, Ralph P	KC8DS	Upper Arlington, OH	-	-
	25,671	Howard, Bill	WB3V	Odenton, MD	Jerry Gavin	NU3D
	25,672	Pentz, Robert H Jr	K4DMA	Florence, KY	Loren K Rood	KD4PN
1-26-93	25,673	Aberbach, Leonard	K3ATA	Frederick, MD	Lewis Bradley Jr	W4SWP
	25,674	Blumkin, Manuel	K5JEB	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,675	Carlson, Gunnar Jr	AE4W	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,676	Duncan, Reginald W	WA5UWY	Anthony, TX	W Dean Figgins	WA7EPU
	25,677	Gottlieb, Steven M	WA5OEN	Houston, TX	Bill Pearre	K5MMP
	25,678	Kaiser, John J	W5VRJ	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,679	Kelly, John J Jr	W2VCV	Toms River, NJ	William Savell	W2LS
	25,680	Leverett, James Jr	WA2NIJ	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,681	MacDonald, James	W1LPU	Barnet, VT	Ted Everett	W1ALE
	25,682	Newell, Oliver J	W5UWS	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,683	Olson, Charles F	W3CVD	Gambrills, MD	Gerald Gavin	NU3D
	25,684	Osborne, William P	AA5ZQ	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,685	Pope, Daniel F	WB8BHP	Flushing, MI	-	-
	25,686	Trout, Arthur M	WA8FBN	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,687	White, Theodore J	K18B	Miamisburg, OH	-	-
1-28-93	25,688	Andrews, George W	W1DCT	Beltsville, MD	-	-
	25,689	Wall, Cynthia	KA7ITT	Salem, OR	-	-
1-29-93	25,690	Bernard, Alvin J	NI4Q	Orlando, FL	Norm Gertz	K1AA
	25,691	Governale, Benjamin	W3LL	Phoenix, MD	-	-
	25,692	Messmer, Gordon R	W4IQA	Springfield, VA	James M Wilcox	K4JAP
	25,693	Munsey, Ray W	WA1OWC	Chichester, NH	Dale A Sanborn	WA1NBI
	25,694	Ryan, Cornelius M	W5OGP	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,695	Bello, Gordon T	K1GB	Waltham, MA	-	-
	25,696	Benish, Michael G	K3SAE	Pittston, PA	Hugh Turnbull	W3ABC
	25,697	Del Cambre, L Reid	WA5UBG	New Iberia, LA	J Warren Aubin	K5DVQ
	25,698	Kain, Stanley Glen	KG7LK	Chattaroy, WA	-	-
	25,699	Katz, Howard	WA2SSS	Merrick, NY	H F Milatz	W2TLC
2-1-93	25,700	Durflinger, Duane L	KX8D	St Joseph, MI	-	-
	25,701	Von Sivers, Peter	WB6DOQ	Castro Valley, CA	-	-
2-2-93	25,702	Fox, J Bernard	W9MNX	Hiwassee, AR	Bill Davidson	W0JLY
	25,703	Glusick, Alvin G	K0IQE	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,704	Jones, Nathaniel	K8DJE	Greeneville, TN	Harry Dannals	W2HD
	25,705	Loden, Harold A	W5WBU	Houston, TX	Peter W Newell	KE5DQ
	25,706	Matchett, Howard	W1QWR	Salem, NH	-	-
	25,707	Mueller, Ernest	WB2ODG	Yonkers, NY	G W Hellman	NA2M
	25,708	Valls, Mike Jr	WA5RLZ	Am Embassy APO	-	-
	25,709	Hartsell, Larry D	K4KEI	St Simons Island, GA	Ben Logan	W9MVB
2-4-93	25,710	Larsen, James H	AL7FS	Anchorage, AK	-	-
	25,711	Miller, August	W5YGR	Las Cruces, NM	W Dean Figgins	WA7EPU
	25,712	Regan, William J	N0TXX	St Paul, MN	Fred Childs	W0WQ
	25,713	Cascio, Francis A	K1SVP	Saugus, MA	Arthur S Tomkinson	W1THT
	25,714	Corcoran, Ray	WA9VVU	Arlington Heights, IL	-	-
	25,715	Drechsel, Norman	WA3KEY	Quakertown, PA	Lew McCoy	W1ICP
	25,716	Roberts, Brian A	K9VKY	Pittsburgh, PA	-	-
2-8-93	25,717	Latta, Gregory P	AA8V	Frostburg, MD	-	-
	25,718	Layton, Thomas J	KB5TIB	Bellaire, TX	Randy Pollard	AK5G
	25,719	Reiss, William D	KK4XI	St Petersburg, FL	J F Strom	K9BSL
	25,720	Shaw, Oliver H	W2MTB	St Petersburg, FL	J F Strom	K9BSL
2-9-93	25,721	Boiler, Evan L	W0FTR	Lincoln, NE	Elden Miller	W0KVM
	25,722	Hemingway, John L	K0EII	Clinton, IA	-	-
	25,723	Keesee, Harold F	KE4CG	Oak Ridge, TN	Donald V Goodin	K4QU
	25,724	Klingler, Eugene H	AA8GX	Bloomfield Hills, MI	-	-
2-10-93	25,725	Maddox, Hugh E	WA0TDQ	Bella Vista, AR	William L Davidson	W0JLY

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**This form for use by all applicants
for membership in QCWA.
Effective 01/01/92**

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you been previously enrolled in QCWA? _____

I, _____, _____
(Print Name Clearly) Present Call

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required.* My complete mailing address is:

Street Number & Name _____

City _____

State _____

Zip-code _____

I will keep QCWA Headquarters advised of changes in address and/or call sign. My first amateur license was issued _____, Other calls held _____

I wish to become a member of QCWA Chapter _____

Date of Birth _____, Birthplace _____

Present occupation/business _____

If retired, what was major life work _____

Other organizations you are affiliated with _____

Your signature _____

*Send a copy of your license from 25+ years ago, or give us the year and call, and we'll look you up in *The Callbook*.

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

Fee

Funds Attached

QCWA Dues for a one-year period

\$15.00

QCWA Dues for a two-year period

\$25.00

QCWA Dues for a three-year period

\$30.00

QCWA Life Membership

\$225.00

Payable in 3 equal installments

of \$80.00 each, in a one-year period

\$240.00

Initial registration fee, all new members

\$3.00

Family membership is available, contact headquarters for information

Gold membership pins are available, your call engraved, no year tags, check fastener

Tie-tac _____, Screw button _____, Safety pin _____ \$10.00 each _____

Year tag pins, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 tie-tac only \$10.00 each _____

Total _____

Proposed by _____, Call _____, No. _____

Sp93

Member Supplies

ORDER BLANK

QCWA Lapel pins are gold plated, with call engraved.

Two types are available:

- No year tags. Choose tie-tack, safety-pin, or screw type.
- With year tags (clutch-type only). Specify year—25, 30, 35, 40, 45, 50, 55, 60, 65, 70, or 75.

All pins, each \$10.00

QCWA Life Member pin \$ 5.00

QCWA Embroidered emblem \$ 5.00

270 QCWA Red stamps (regular) \$ 2.50

270 QCWA Gold stamps (Life) \$ 2.50

240 QCWA Yellow Stamps (50-yr) \$ 2.50

QCWA Logo on rubber stamp \$ 6.50

QCWA Cap with Logo \$ 5.00

QCWA Chapter Banner \$ 200.00

QCWA Decals \$ 1.00

Sweatshirts and T-Shirts (Order on page 15)

QCWA QSL cards (Order on page 21)

Sorry, vests are no longer available

Ship to:

Name Call QCWA No.

No. & Street City State Zip

Sorry, but we can no longer accept orders charged to credit cards.

Please mail your check to:

QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4017



Deadline for Summer issue:

May 1, 1993

Please have your material submitted on time.

CERTIFICATES

MEMBERSHIP CERTIFICATES numbered in serial order are issued to each member. Numbers are not re-issued except to the same member to whom they were first issued.

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

GOLDEN CERTIFICATES are issued in five year increments—55, 60, 65, 70, 75 year Certificates, free of charge to eligible members.

50-YEAR CONTINUOUS LICENSING Gold certificate available to eligible members. Requires submission of proof licensing. There is a \$5.00 fee. Applications available from QCWA Headquarters.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age, when added to their number of years as a QCWA member, totals 100 or more. No charge for the Certificate.

MERITORIOUS AWARD is issued by Headquarters, upon request of any active QCWA Chapter. One such award for each Chapter each year. The Award may be given to recognize unusual dedication to QCWA or Amateur Radio. No charge for award.

OPERATING AWARDS

QCWA Operating Award Certificates are issued to QCWA members by the activities manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBERS awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA WORKED 60 CHAPTER awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA WORKED 500 MEMBERS awards are issued to QCWA members who have contacted 500 QCWA members.

In addition, plaques are awarded to the highest scoring members for both phone and CW QSO Parties. Runners-up receive certificates.

Quarter Century Wireless
Association, Inc.
159 E 16th Ave
Eugene OR 97401-4017

NON-PROFIT ORG
U S POSTAGE PAID
EUGENE OR
PERMIT #679

ADDRESS CORRECTION REQUESTED

MT 48043